

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081723\
 Data File : VX037062.D
 Acq On : 17 Aug 2023 15:34
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Aug 18 06:06:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 05:51:31 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/18/2023
 Supervised By : Semsettin Yesilyurt 08/18/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	156845	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	272947	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	254590	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	131904	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	233549	103.285	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 206.580%#			
35) Dibromofluoromethane	5.385	113	190497	105.383	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 210.760%#			
50) Toluene-d8	8.653	98	680521	103.784	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 207.560%#			
62) 4-Bromofluorobenzene	11.079	95	270579	105.004	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 210.000%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	189872	104.214	ug/l	100
3) Chloromethane	1.294	50	163525	102.592	ug/l	98
4) Vinyl Chloride	1.374	62	173755	100.148	ug/l	99
5) Bromomethane	1.599	94	81335	94.113	ug/l	98
6) Chloroethane	1.666	64	97512	95.509	ug/l	99
7) Trichlorofluoromethane	1.880	101	276629	97.334	ug/l	99
8) Diethyl Ether	2.136	74	108060	98.276	ug/l	76
9) 1,1,2-Trichlorotrifluo...	2.325	101	160375	96.729	ug/l	97
10) Methyl Iodide	2.447	142	208272	103.356	ug/l	95
11) Tert butyl alcohol	2.977	59	260535	491.181	ug/l #	92
12) 1,1-Dichloroethene	2.312	96	155886	96.550	ug/l	86
13) Acrolein	2.239	56	196517	487.009	ug/l	98
14) Allyl chloride	2.660	41	242810	97.161	ug/l #	92
15) Acrylonitrile	3.068	53	471375	497.892	ug/l	100
16) Acetone	2.386	43	416546	470.884	ug/l	92
17) Carbon Disulfide	2.508	76	397368	96.757	ug/l	99
18) Methyl Acetate	2.703	43	327447	98.312	ug/l #	88
19) Methyl tert-butyl Ether	3.117	73	609256	99.496	ug/l	97
20) Methylene Chloride	2.788	84	181827	91.913	ug/l #	87
21) trans-1,2-Dichloroethene	3.087	96	180734	98.472	ug/l	89
22) Diisopropyl ether	3.763	45	505003	98.477	ug/l #	83
23) Vinyl Acetate	3.721	43	1994353	507.499	ug/l #	90
24) 1,1-Dichloroethane	3.611	63	317655	98.779	ug/l	97
25) 2-Butanone	4.562	43	656711	493.045	ug/l #	87
26) 2,2-Dichloropropane	4.477	77	277585	96.654	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	215036	99.382	ug/l	89
28) Bromochloromethane	4.897	49	143095	99.609	ug/l #	75
29) Tetrahydrofuran	5.007	42	418631	492.842	ug/l #	84
30) Chloroform	5.092	83	353862	98.024	ug/l	97
31) Cyclohexane	5.464	56	244725	96.253	ug/l	88
32) 1,1,1-Trichloroethane	5.385	97	322800	99.785	ug/l	97
36) 1,1-Dichloropropene	5.690	75	246429	95.954	ug/l	97
37) Ethyl Acetate	4.715	43	257786	98.263	ug/l #	94
38) Carbon Tetrachloride	5.678	117	279748	100.276	ug/l	98
39) Methylcyclohexane	7.379	83	256166	94.937	ug/l	89
40) Benzene	6.037	78	728494	98.905	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081723\
 Data File : VX037062.D
 Acq On : 17 Aug 2023 15:34
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Aug 18 06:06:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 05:51:31 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 08/18/2023
 Supervised By :Semsettin Yesilyurt 08/18/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	138182	101.322	ug/l #	89
42) 1,2-Dichloroethane	6.086	62	283965	98.310	ug/l	96
43) Isopropyl Acetate	6.342	43	423320	101.637	ug/l #	92
44) Trichloroethene	7.123	130	203923	97.638	ug/l	97
45) 1,2-Dichloropropane	7.427	63	181335	99.847	ug/l	99
46) Dibromomethane	7.580	93	143709	100.445	ug/l	94
47) Bromodichloromethane	7.824	83	284716	103.897	ug/l	97
48) Methyl methacrylate	7.696	41	204778	100.817	ug/l #	87
49) 1,4-Dioxane	7.659	88	110112	2012.887	ug/l #	86
51) 4-Methyl-2-Pentanone	8.574	43	1226328	484.885	ug/l	90
52) Toluene	8.720	92	476330	97.877	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	314550	107.803	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	327634	103.907	ug/l #	88
55) 1,1,2-Trichloroethane	9.153	97	199492	100.669	ug/l	98
56) Ethyl methacrylate	9.116	69	317159	102.178	ug/l	87
57) 1,3-Dichloropropane	9.311	76	328879	98.449	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	758565	509.247	ug/l	91
59) 2-Hexanone	9.433	43	956902	496.219	ug/l	88
60) Dibromochloromethane	9.525	129	226065	107.147	ug/l	99
61) 1,2-Dibromoethane	9.610	107	220247	101.512	ug/l	100
64) Tetrachloroethene	9.275	164	173249	93.282	ug/l	98
65) Chlorobenzene	10.079	112	517546	96.183	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	203033	102.235	ug/l	99
67) Ethyl Benzene	10.195	91	904296	95.508	ug/l	98
68) m/p-Xylenes	10.299	106	704766	192.748	ug/l	97
69) o-Xylene	10.640	106	351860	97.537	ug/l	98
70) Styrene	10.659	104	599359	100.863	ug/l	97
71) Bromoform	10.799	173	168525	113.446	ug/l #	100
73) Isopropylbenzene	10.963	105	881060	91.897	ug/l	98
74) N-amyl acetate	10.841	43	365042	97.989	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	304156	94.201	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	256557m	91.330	ug/l	
77) Bromobenzene	11.195	156	226810	96.865	ug/l	91
78) n-propylbenzene	11.305	91	997637	93.449	ug/l	99
79) 2-Chlorotoluene	11.366	91	634418	92.992	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	751720	93.993	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	105523	104.919	ug/l	84
82) 4-Chlorotoluene	11.451	91	739359	93.885	ug/l	98
83) tert-Butylbenzene	11.713	119	716070	93.883	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	766188	94.793	ug/l	97
85) sec-Butylbenzene	11.890	105	838226	94.088	ug/l	99
86) p-Isopropyltoluene	12.006	119	727694	94.884	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	422654	96.412	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	427940	96.096	ug/l	99
89) n-Butylbenzene	12.329	91	614934	96.711	ug/l	99
90) Hexachloroethane	12.536	117	133188	104.047	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	419241	97.663	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	80452	107.235	ug/l	82
93) 1,2,4-Trichlorobenzene	13.585	180	252892	100.684	ug/l	97
94) Hexachlorobutadiene	13.725	225	90536	93.303	ug/l	99
95) Naphthalene	13.774	128	965778	87.778	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	250264	100.288	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081723\
Data File : VX037062.D
Acq On : 17 Aug 2023 15:34
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023

Quant Time: Aug 18 06:06:39 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 05:51:31 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

