

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090823\
 Data File : VX037614.D
 Acq On : 08 Sep 2023 20:16
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 09 05:00:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090823W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 09 03:56:07 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/09/2023
 Supervised By : Mahesh Dadoda 09/11/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	135073	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	252224	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	236896	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	119370	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	101205	55.506	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 111.020%			
35) Dibromofluoromethane	5.385	113	91045	51.608	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.220%			
50) Toluene-d8	8.653	98	326202	50.414	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.820%			
62) 4-Bromofluorobenzene	11.079	95	125409	51.427	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.860%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	56084	40.912	ug/l	100
3) Chloromethane	1.307	50	80644	52.551	ug/l	97
4) Vinyl Chloride	1.374	62	76272	48.247	ug/l	99
5) Bromomethane	1.593	94	36255	51.755	ug/l	99
6) Chloroethane	1.672	64	42663	50.374	ug/l	99
7) Trichlorofluoromethane	1.880	101	97812	45.525	ug/l	99
8) Diethyl Ether	2.136	74	52797	55.288	ug/l	74
9) 1,1,2-Trichlorotrifluo...	2.325	101	57970	40.340	ug/l	95
10) Methyl Iodide	2.447	142	103127	55.330	ug/l	91
11) Tert butyl alcohol	2.971	59	125298	307.102	ug/l #	95
12) 1,1-Dichloroethene	2.312	96	68410	47.163	ug/l	82
13) Acrolein	2.239	56	105635	263.345	ug/l	98
14) Allyl chloride	2.660	41	110242	54.200	ug/l #	85
15) Acrylonitrile	3.062	53	245521	276.015	ug/l	98
16) Acetone	2.386	43	189963	253.348	ug/l #	84
17) Carbon Disulfide	2.508	76	158620	43.663	ug/l	98
18) Methyl Acetate	2.703	43	169087	55.583	ug/l #	85
19) Methyl tert-butyl Ether	3.117	73	287691	55.943	ug/l	97
20) Methylene Chloride	2.788	84	95750	55.420	ug/l #	83
21) trans-1,2-Dichloroethene	3.087	96	81358	50.212	ug/l	86
22) Diisopropyl ether	3.763	45	241623	56.098	ug/l #	81
23) Vinyl Acetate	3.721	43	891705	290.007	ug/l #	89
24) 1,1-Dichloroethane	3.605	63	151947	54.136	ug/l	97
25) 2-Butanone	4.562	43	303863	267.209	ug/l #	84
26) 2,2-Dichloropropane	4.477	77	94488	45.665	ug/l	93
27) cis-1,2-Dichloroethene	4.489	96	103676	53.694	ug/l	83
28) Bromochloromethane	4.897	49	68750	56.115	ug/l #	69
29) Tetrahydrofuran	5.007	42	198982	273.135	ug/l #	80
30) Chloroform	5.092	83	164692	54.687	ug/l	98
31) Cyclohexane	5.470	56	91830	41.393	ug/l	86
32) 1,1,1-Trichloroethane	5.379	97	132973	51.266	ug/l	94
36) 1,1-Dichloropropene	5.696	75	99137	42.537	ug/l	95
37) Ethyl Acetate	4.721	43	118276	49.496	ug/l #	90
38) Carbon Tetrachloride	5.678	117	109847	45.604	ug/l	98
39) Methylcyclohexane	7.385	83	103830	36.537	ug/l	88
40) Benzene	6.037	78	358221	49.954	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090823\
 Data File : VX037614.D
 Acq On : 08 Sep 2023 20:16
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/09/2023
 Supervised By : Mahesh Dadoda 09/11/2023

Quant Time: Sep 09 05:00:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090823W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 09 03:56:07 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	63546	52.202	ug/l #	83
42) 1,2-Dichloroethane	6.086	62	122178	50.881	ug/l	91
43) Isopropyl Acetate	6.342	43	187812	52.474	ug/l #	87
44) Trichloroethene	7.129	130	91436	46.419	ug/l	92
45) 1,2-Dichloropropane	7.434	63	90969	51.799	ug/l	99
46) Dibromomethane	7.580	93	68655	52.090	ug/l	92
47) Bromodichloromethane	7.824	83	128157	53.212	ug/l	98
48) Methyl methacrylate	7.696	41	92282	53.872	ug/l #	76
49) 1,4-Dioxane	7.665	88	57271	1065.563	ug/l #	85
51) 4-Methyl-2-Pentanone	8.574	43	596096	261.874	ug/l #	85
52) Toluene	8.720	92	231253	49.649	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	131964	52.770	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	145541	52.309	ug/l #	81
55) 1,1,2-Trichloroethane	9.153	97	100907	52.106	ug/l	97
56) Ethyl methacrylate	9.116	69	155047	54.949	ug/l #	78
57) 1,3-Dichloropropane	9.311	76	165811	51.376	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	356145	249.467	ug/l	91
59) 2-Hexanone	9.433	43	458126	263.881	ug/l	83
60) Dibromochloromethane	9.525	129	105616	54.774	ug/l	100
61) 1,2-Dibromoethane	9.610	107	108363	52.253	ug/l	100
64) Tetrachloroethene	9.275	164	72552	43.735	ug/l	98
65) Chlorobenzene	10.079	112	253133	48.635	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	97740	52.988	ug/l	99
67) Ethyl Benzene	10.195	91	431682	48.793	ug/l	99
68) m/p-Xylenes	10.305	106	344269	98.920	ug/l	95
69) o-Xylene	10.640	106	174966	50.561	ug/l	96
70) Styrene	10.659	104	292678	52.021	ug/l	96
71) Bromoform	10.799	173	78779	53.246	ug/l #	99
73) Isopropylbenzene	10.963	105	426315	47.546	ug/l	98
74) N-amyl acetate	10.841	43	166910	54.003	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	11.213	83	160794	51.604	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	143363m	51.194	ug/l	
77) Bromobenzene	11.201	156	111288	50.143	ug/l	89
78) n-propylbenzene	11.305	91	468844	47.018	ug/l	98
79) 2-Chlorotoluene	11.366	91	311664	49.190	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	372607	48.993	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	44901	49.230	ug/l #	82
82) 4-Chlorotoluene	11.457	91	346409	48.490	ug/l	96
83) tert-Butylbenzene	11.713	119	377816	49.275	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	380127	49.992	ug/l	96
85) sec-Butylbenzene	11.890	105	424595	45.935	ug/l	98
86) p-Isopropyltoluene	12.012	119	370243	47.296	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	201840	47.798	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	200664	46.711	ug/l	99
89) n-Butylbenzene	12.335	91	288883	44.913	ug/l	99
90) Hexachloroethane	12.542	117	67947	51.079	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	206778	49.158	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	34488	51.986	ug/l	73
93) 1,2,4-Trichlorobenzene	13.591	180	118749	46.674	ug/l	98
94) Hexachlorobutadiene	13.725	225	43101	38.378	ug/l	99
95) Naphthalene	13.774	128	459045	51.651	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	123337	46.932	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090823\
Data File : VX037614.D
Acq On : 08 Sep 2023 20:16
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023

Quant Time: Sep 09 05:00:00 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090823W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 09 03:56:07 2023
Response via : Initial Calibration

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

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

