

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100323\
 Data File : VX038050.D
 Acq On : 03 Oct 2023 20:25
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :John Carlone 10/04/2023
 Supervised By :Semsettin Yesilyurt 10/04/2023

Quant Time: Oct 04 09:16:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100323W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 04 09:08:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	165395	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	286044	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	276933	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	151754	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	123835	48.120	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.240%		
35) Dibromofluoromethane	5.385	113	95496	48.663	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.320%		
50) Toluene-d8	8.653	98	360506	48.003	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.000%		
62) 4-Bromofluorobenzene	11.079	95	140278	51.323	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.640%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	109938	66.707	ug/l	97
3) Chloromethane	1.294	50	104799	48.301	ug/l	99
4) Vinyl Chloride	1.373	62	105986	54.124	ug/l	100
5) Bromomethane	1.599	94	128669	49.972	ug/l	98
6) Chloroethane	1.678	64	76163	51.811	ug/l	94
7) Trichlorofluoromethane	1.886	101	190268	49.259	ug/l	99
8) Diethyl Ether	2.136	74	68661	48.608	ug/l	80
9) 1,1,2-Trichlorotrifluo...	2.325	101	82700	49.176	ug/l	99
10) Methyl Iodide	2.453	142	108647	62.638	ug/l	96
11) Tert butyl alcohol	2.965	59	148570	257.008	ug/l #	93
12) 1,1-Dichloroethene	2.318	96	81247	51.882	ug/l	91
13) Acrolein	2.233	56	94122	284.624	ug/l	100
14) Allyl chloride	2.660	41	141001	50.804	ug/l	95
15) Acrylonitrile	3.062	53	311787	259.501	ug/l	99
16) Acetone	2.379	43	268372	237.459	ug/l	91
17) Carbon Disulfide	2.507	76	214364	48.397	ug/l	100
18) Methyl Acetate	2.703	43	250860	51.630	ug/l	94
19) Methyl tert-butyl Ether	3.117	73	312979	51.751	ug/l	98
20) Methylene Chloride	2.788	84	100610	49.580	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	92763	49.301	ug/l	94
22) Diisopropyl ether	3.763	45	290472	50.085	ug/l #	88
23) Vinyl Acetate	3.721	43	1079232	258.661	ug/l	97
24) 1,1-Dichloroethane	3.611	63	174133	49.467	ug/l	99
25) 2-Butanone	4.556	43	443626	248.967	ug/l	94
26) 2,2-Dichloropropane	4.477	77	123194	44.559	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	111764	50.946	ug/l	92
28) Bromochloromethane	4.897	49	83098	50.172	ug/l	91
29) Tetrahydrofuran	5.001	42	293960	255.797	ug/l	91
30) Chloroform	5.098	83	188021	49.033	ug/l	99
31) Cyclohexane	5.470	56	148171	49.237	ug/l	89
32) 1,1,1-Trichloroethane	5.385	97	164466	51.562	ug/l	99
36) 1,1-Dichloropropene	5.696	75	135256	46.769	ug/l	98
37) Ethyl Acetate	4.714	43	169412	52.159	ug/l	98
38) Carbon Tetrachloride	5.678	117	138691	49.283	ug/l	98
39) Methylcyclohexane	7.385	83	166180	48.619	ug/l	92
40) Benzene	6.043	78	397881	48.771	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100323\
 Data File : VX038050.D
 Acq On : 03 Oct 2023 20:25
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :John Carlone 10/04/2023
 Supervised By :Semsettin Yesilyurt 10/04/2023

Quant Time: Oct 04 09:16:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100323W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 04 09:08:35 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	83515	51.355	ug/l #	88
42) 1,2-Dichloroethane	6.086	62	154855	48.402	ug/l	100
43) Isopropyl Acetate	6.342	43	257235	51.120	ug/l	97
44) Trichloroethene	7.129	130	102300	46.467	ug/l	98
45) 1,2-Dichloropropane	7.433	63	101318	48.784	ug/l	96
46) Dibromomethane	7.580	93	75881	47.179	ug/l	97
47) Bromodichloromethane	7.824	83	139089	49.673	ug/l	98
48) Methyl methacrylate	7.696	41	121563	50.245	ug/l	87
49) 1,4-Dioxane	7.659	88	57044	1051.827	ug/l #	91
51) 4-Methyl-2-Pentanone	8.573	43	875288	250.362	ug/l	97
52) Toluene	8.720	92	255726	48.430	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	153505	52.045	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	161755	51.539	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	107005	49.904	ug/l	94
56) Ethyl methacrylate	9.116	69	171551	53.232	ug/l	94
57) 1,3-Dichloropropane	9.311	76	177414	49.205	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	422125	256.287	ug/l	99
59) 2-Hexanone	9.433	43	709656	253.743	ug/l	96
60) Dibromochloromethane	9.524	129	108190	52.432	ug/l	100
61) 1,2-Dibromoethane	9.610	107	118309	50.892	ug/l	100
64) Tetrachloroethene	9.274	164	86463	46.924	ug/l	100
65) Chlorobenzene	10.079	112	272608	46.893	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	98316	50.717	ug/l	99
67) Ethyl Benzene	10.195	91	508935	48.667	ug/l	99
68) m/p-Xylenes	10.305	106	388415	96.986	ug/l	100
69) o-Xylene	10.640	106	190135	49.993	ug/l	99
70) Styrene	10.658	104	319376	50.842	ug/l	97
71) Bromoform	10.799	173	79447	53.911	ug/l #	99
73) Isopropylbenzene	10.963	105	505813	49.114	ug/l	99
74) N-amyl acetate	10.841	43	237024	51.138	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	188787	48.974	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	173797m	49.439	ug/l	
77) Bromobenzene	11.195	156	120528	47.734	ug/l	94
78) n-propylbenzene	11.305	91	612436	48.395	ug/l	100
79) 2-Chlorotoluene	11.366	91	354065	48.183	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	437641	49.928	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	53437	51.337	ug/l	94
82) 4-Chlorotoluene	11.457	91	419553	47.372	ug/l	98
83) tert-Butylbenzene	11.713	119	432418	49.624	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	441383	49.927	ug/l	99
85) sec-Butylbenzene	11.890	105	555386	49.145	ug/l	99
86) p-Isopropyltoluene	12.012	119	456713	49.349	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	237962	46.999	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	238903	45.207	ug/l	98
89) n-Butylbenzene	12.335	91	445356	48.217	ug/l	97
90) Hexachloroethane	12.536	117	77457	51.352	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	232330	48.219	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	45921	52.347	ug/l	89
93) 1,2,4-Trichlorobenzene	13.585	180	150679	45.083	ug/l	97
94) Hexachlorobutadiene	13.725	225	61239	42.939	ug/l	97
95) Naphthalene	13.774	128	544489	48.328	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	148757	46.023	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100323\
Data File : VX038050.D
Acq On : 03 Oct 2023 20:25
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023

Quant Time: Oct 04 09:16:43 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100323W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 04 09:08:35 2023
Response via : Initial Calibration

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

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

