

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033022\
 Data File : VX027826.D
 Acq On : 30 Mar 2022 21:42
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Mar 31 07:29:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032922W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 04:39:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	72941	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	121665	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	104047	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	50838	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	41341	43.927	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	87.860%
35) Dibromofluoromethane	5.391	113	34328	43.712	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	87.420%
50) Toluene-d8	8.653	98	114536	41.452	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	82.900%
62) 4-Bromofluorobenzene	11.085	95	47901	40.794	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	81.580%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	33860	51.230	ug/l	99
3) Chloromethane	1.294	50	27278	46.704	ug/l	98
4) Vinyl Chloride	1.374	62	29445	49.157	ug/l	99
5) Bromomethane	1.599	94	12141	44.951	ug/l	97
6) Chloroethane	1.679	64	19149	47.424	ug/l	95
7) Trichlorofluoromethane	1.880	101	50376	47.942	ug/l	98
8) Diethyl Ether	2.136	74	18823	49.905	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.325	101	33437	48.956	ug/l	95
10) Methyl Iodide	2.453	142	38144	48.091	ug/l	# 90
11) Tert butyl alcohol	2.971	59	50525	279.482	ug/l	99
12) 1,1-Dichloroethene	2.319	96	29233	46.649	ug/l	94
13) Acrolein	2.239	56	40202	296.916	ug/l	97
14) Allyl chloride	2.666	41	57629	50.089	ug/l	# 87
15) Acrylonitrile	3.062	53	115236	271.471	ug/l	98
16) Acetone	2.380	43	107582	258.291	ug/l	91
17) Carbon Disulfide	2.508	76	51909	40.493	ug/l	99
18) Methyl Acetate	2.703	43	54811	53.383	ug/l	# 88
19) Methyl tert-butyl Ether	3.117	73	125761	52.673	ug/l	98
20) Methylene Chloride	2.788	84	34799	46.449	ug/l	# 86
21) trans-1,2-Dichloroethene	3.093	96	30000	44.106	ug/l	89
22) Diisopropyl ether	3.764	45	120588	52.299	ug/l	# 85
23) Vinyl Acetate	3.721	43	538382	270.259	ug/l	# 92
24) 1,1-Dichloroethane	3.611	63	65632	50.596	ug/l	96
25) 2-Butanone	4.556	43	168328	277.741	ug/l	90
26) 2,2-Dichloropropane	4.477	77	48557	46.868	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	40519	49.402	ug/l	95
28) Bromochloromethane	4.897	49	28122	50.402	ug/l	93
29) Tetrahydrofuran	5.007	42	106319	273.099	ug/l	87
30) Chloroform	5.099	83	73181	50.750	ug/l	99
31) Cyclohexane	5.477	56	49543	47.622	ug/l	89
32) 1,1,1-Trichloroethane	5.385	97	63823	51.167	ug/l	97
36) 1,1-Dichloropropene	5.696	75	47230	47.750	ug/l	99
37) Ethyl Acetate	4.721	43	63069	51.435	ug/l	95
38) Carbon Tetrachloride	5.684	117	54527	49.898	ug/l	98
39) Methylcyclohexane	7.379	83	51012	43.827	ug/l	93
40) Benzene	6.044	78	141306	47.142	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	34385	52.720	ug/l	90
42) 1,2-Dichloroethane	6.092	62	57215	47.769	ug/l	96
43) Isopropyl Acetate	6.342	43	97423	49.604	ug/l	93
44) Trichloroethene	7.129	130	37678	46.254	ug/l	91
45) 1,2-Dichloropropane	7.434	63	38350	47.624	ug/l	95
46) Dibromomethane	7.586	93	28308	46.709	ug/l	93
47) Bromodichloromethane	7.824	83	51812	42.925	ug/l	97
48) Methyl methacrylate	7.696	41	48738	47.318	ug/l #	82
49) 1,4-Dioxane	7.659	88	21040	1034.798	ug/l #	92
51) 4-Methyl-2-Pentanone	8.574	43	290907	213.519	ug/l	93
52) Toluene	8.720	92	89352	47.324	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	55969	46.267	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	56987	44.737	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	38857	46.400	ug/l	93
56) Ethyl methacrylate	9.116	69	63992	48.249	ug/l #	73
57) 1,3-Dichloropropane	9.311	76	66139	46.932	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	146637	221.452	ug/l	99
59) 2-Hexanone	9.433	43	263442	251.122	ug/l	83
60) Dibromochloromethane	9.525	129	41337	47.607	ug/l	98
61) 1,2-Dibromoethane	9.610	107	40638	46.442	ug/l	99
64) Tetrachloroethene	9.275	164	33772	47.872	ug/l	91
65) Chlorobenzene	10.079	112	95691	46.702	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	37685	49.013	ug/l	99
67) Ethyl Benzene	10.195	91	177880	47.841	ug/l	97
68) m/p-Xylenes	10.305	106	131228	95.962	ug/l	90
69) o-Xylene	10.646	106	64892	48.583	ug/l	88
70) Styrene	10.659	104	110846	48.826	ug/l #	92
71) Bromoform	10.799	173	28449	46.351	ug/l #	99
73) Isopropylbenzene	10.963	105	176282	46.571	ug/l	98
74) N-amyl acetate	10.842	43	85024	49.868	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	11.213	83	62687	48.771	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	60572m	50.791	ug/l	
77) Bromobenzene	11.201	156	40343	46.749	ug/l	84
78) n-propylbenzene	11.305	91	209181	46.257	ug/l	98
79) 2-Chlorotoluene	11.366	91	129989	45.740	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	153676	46.789	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	17551	44.648	ug/l #	74
82) 4-Chlorotoluene	11.457	91	151408	46.427	ug/l	95
83) tert-Butylbenzene	11.719	119	147447	46.425	ug/l	86
84) 1,2,4-Trimethylbenzene	11.756	105	151233	46.179	ug/l	96
85) sec-Butylbenzene	11.890	105	185561	47.343	ug/l	97
86) p-Isopropyltoluene	12.012	119	153091	46.957	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	76700	45.151	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	77258	44.148	ug/l	95
89) n-Butylbenzene	12.335	91	136352	46.513	ug/l	94
90) Hexachloroethane	12.542	117	24250	46.317	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	77816	46.375	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	15851	51.228	ug/l	72
93) 1,2,4-Trichlorobenzene	13.591	180	45848	44.679	ug/l	97
94) Hexachlorobutadiene	13.725	225	20501	45.293	ug/l	94
95) Naphthalene	13.780	128	169606	47.338	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	46384	46.140	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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