

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110718\
 Data File : VX005825.D
 Acq On : 07 Nov 2018 13:25
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 11/8/2018 10:35:29 AM

Quant Time: Nov 07 14:05:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:01:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	119990	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	165513	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	156230	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	78858	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	70173	40.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.00%	
35) Dibromofluoromethane	5.51	113	58514	51.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.12%	
50) Toluene-d8	8.71	98	189959	47.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.52%	
62) 4-Bromofluorobenzene	11.14	95	69256	46.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.38%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	55291	39.888	ug/l	100
3) Chloromethane	1.32	50	69461	42.484	ug/l	97
4) Vinyl Chloride	1.40	62	73872	43.427	ug/l	97
5) Bromomethane	1.64	94	43147	20.442	ug/l	90
6) Chloroethane	1.71	64	42587	34.477	ug/l	100
7) Trichlorofluoromethane	1.93	101	96696	44.287	ug/l	99
8) Diethyl Ether	2.19	74	35918	36.598	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	53376	40.246	ug/l	98
10) Methyl Iodide	2.51	142	71394	60.324	ug/l	98
11) Tert butyl alcohol	3.07	59	95273	199.980	ug/l	99
12) 1,1-Dichloroethene	2.37	96	52203	40.394	ug/l	88
13) Acrolein	2.29	56	45351	145.051	ug/l	97
14) Allyl chloride	2.73	41	120431	45.067	ug/l	97
15) Acrylonitrile	3.15	53	211079	201.484	ug/l	97
16) Acetone	2.45	43	188731	188.880	ug/l	96
17) Carbon Disulfide	2.57	76	161925	40.774	ug/l	98
18) Methyl Acetate	2.78	43	103178	40.982	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	184874	41.327	ug/l	95
20) Methylene Chloride	2.85	84	58122	38.421	ug/l	90
21) trans-1,2-Dichloroethene	3.17	96	57292	41.896	ug/l	97
22) Diisopropyl ether	3.87	45	209244	42.211	ug/l	97
23) Vinyl Acetate	3.83	43	912216	211.272	ug/l	100
24) 1,1-Dichloroethane	3.69	63	108673	38.770	ug/l	99
25) 2-Butanone	4.70	43	304564	205.810	ug/l	96
26) 2,2-Dichloropropane	4.57	77	83313	39.761	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	63347	41.225	ug/l	99
28) Bromochloromethane	5.02	49	55654	40.697	ug/l	97
29) Tetrahydrofuran	5.15	42	202701	224.417	ug/l	98
30) Chloroform	5.21	83	108202	39.482	ug/l	99
31) Cyclohexane	5.57	56	100559	42.901	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	93098	42.447	ug/l	99
36) 1,1-Dichloropropene	5.80	75	82558	46.817	ug/l	98
37) Ethyl Acetate	4.85	43	109124	48.505	ug/l	100
38) Carbon Tetrachloride	5.78	117	81620	51.231	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	7.46	83	86146	46.842	ug/l #	83
40) Benzene	6.15	78	240259	45.797	ug/l	96
41) Methacrylonitrile	5.05	41	59124	48.638	ug/l	99
42) 1,2-Dichloroethane	6.19	62	85116	43.894	ug/l	99
43) Isopropyl Acetate	6.46	43	162432	49.745	ug/l	99
44) Trichloroethene	7.21	130	59166	48.763	ug/l	98
45) 1,2-Dichloropropane	7.52	63	56258	41.846	ug/l	100
46) Dibromomethane	7.66	93	35289	41.073	ug/l	97
47) Bromodichloromethane	7.90	83	68143	42.283	ug/l	99
48) Methyl methacrylate	7.77	41	72134	45.643	ug/l	97
49) 1,4-Dioxane	7.76	88	29933	850.566	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	482043	216.503	ug/l	100
52) Toluene	8.79	92	131104	46.202	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	87837	50.292	ug/l #	87
54) cis-1,3-Dichloropropene	8.43	75	82808	44.253	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	55747	45.237	ug/l	93
56) Ethyl methacrylate	9.18	69	92270	49.563	ug/l	99
57) 1,3-Dichloropropane	9.37	76	100019	47.249	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	230935	219.487	ug/l	99
59) 2-Hexanone	9.50	43	452198	249.567	ug/l	100
60) Dibromochloromethane	9.59	129	67125	56.369	ug/l	98
61) 1,2-Dibromoethane	9.67	107	65240	51.954	ug/l	99
64) Tetrachloroethene	9.34	164	72652	63.652	ug/l #	87
65) Chlorobenzene	10.13	112	163505	49.250	ug/l	91
66) 1,1,1,2-Tetrachloroethane	10.22	131	54357	47.828	ug/l	99
67) Ethyl Benzene	10.25	91	270247	47.697	ug/l	92
68) m/p-Xylenes	10.36	106	193359	91.840	ug/l	93
69) o-Xylene	10.70	106	89160	44.278	ug/l	98
70) Styrene	10.71	104	150810	45.092	ug/l	99
71) Bromoform	10.86	173	45932	49.881	ug/l #	100
73) Isopropylbenzene	11.02	105	247416	47.557	ug/l	99
74) N-amyl acetate	10.90	43	123518	44.593	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	84383	39.095	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	83225m	42.374	ug/l	
77) Bromobenzene	11.26	156	65343	50.631	ug/l	100
78) n-propylbenzene	11.36	91	290042	45.828	ug/l	99
79) 2-Chlorotoluene	11.42	91	170952	45.225	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	213296	48.285	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	26271	43.217	ug/l	98
82) 4-Chlorotoluene	11.51	91	203551	45.105	ug/l	100
83) tert-Butylbenzene	11.77	119	205761	48.818	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	220591	49.452	ug/l	99
85) sec-Butylbenzene	11.94	105	253270	46.844	ug/l	100
86) p-Isopropyltoluene	12.07	119	230593	50.148	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	121789	48.805	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	123841	46.196	ug/l	100
89) n-Butylbenzene	12.39	91	207046	44.628	ug/l	100
90) Hexachloroethane	12.60	117	36834	45.150	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	122573	47.017	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	22004	43.465	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	92955	55.593	ug/l	99
94) Hexachlorobutadiene	13.79	225	46347	57.296	ug/l	99
95) Naphthalene	13.83	128	285685	51.953	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	93898	55.161	ug/l	100

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

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