

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102418\
 Data File : VX005559.D
 Acq On : 25 Oct 2018 00:05
 Operator : JC/MD
 Sample : VX1024WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1024WBS02

Manual Integrations
 APPROVED

MMDadoda
 10/26/2018 11:53:55 AM

Quant Time: Oct 25 06:34:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 24 13:13:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	209239	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	309625	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	288796	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	158296	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	131025	51.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.60%	
35) Dibromofluoromethane	5.50	113	101549	48.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.88%	
50) Toluene-d8	8.71	98	391225	51.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.86%	
62) 4-Bromofluorobenzene	11.14	95	142033	49.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	29673	14.367	ug/l	97
3) Chloromethane	1.32	50	42076	15.998	ug/l	99
4) Vinyl Chloride	1.40	62	44072	17.041	ug/l	97
5) Bromomethane	1.64	94	29567	18.373	ug/l	98
6) Chloroethane	1.72	64	28591	17.306	ug/l	97
7) Trichlorofluoromethane	1.93	101	68331	19.015	ug/l	95
8) Diethyl Ether	2.19	74	26981	18.814	ug/l	84
9) 1,1,2-Trichlorotrifluoroet	2.39	101	38292	18.572	ug/l	98
10) Methyl Iodide	2.51	142	39467	20.055	ug/l	98
11) Tert butyl alcohol	3.06	59	69977	101.812	ug/l	100
12) 1,1-Dichloroethene	2.37	96	36619	18.644	ug/l	93
13) Acrolein	2.29	56	36567	104.297	ug/l	96
14) Allyl chloride	2.73	41	81545	18.603	ug/l	97
15) Acrylonitrile	3.15	53	148413	96.295	ug/l	98
16) Acetone	2.45	43	133985	99.274	ug/l	94
17) Carbon Disulfide	2.57	76	105399	17.604	ug/l	98
18) Methyl Acetate	2.78	43	71747	20.661	ug/l	92
19) Methyl tert-butyl Ether	3.20	73	134442	19.189	ug/l	97
20) Methylene Chloride	2.85	84	43032	19.037	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	40355	18.818	ug/l	96
22) Diisopropyl ether	3.87	45	141087	18.431	ug/l	95
23) Vinyl Acetate	3.82	43	658232	97.635	ug/l #	91
24) 1,1-Dichloroethane	3.70	63	80336	19.303	ug/l	97
25) 2-Butanone	4.70	43	210221	102.285	ug/l #	86
26) 2,2-Dichloropropane	4.59	77	48689	15.153	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	44041	19.049	ug/l	95
28) Bromochloromethane	5.02	49	43838	21.778	ug/l	85
29) Tetrahydrofuran	5.15	42	138577	103.608	ug/l	90
30) Chloroform	5.21	83	74336	19.095	ug/l	96
31) Cyclohexane	5.57	56	63218	18.359	ug/l	91
32) 1,1,1-Trichloroethane	5.49	97	63944	18.610	ug/l	99
36) 1,1-Dichloropropene	5.80	75	55310	18.407	ug/l	99
37) Ethyl Acetate	4.85	43	73743	19.232	ug/l	97
38) Carbon Tetrachloride	5.78	117	56446	17.836	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	59287	17.868	ug/l	93
40) Benzene	6.14	78	161619	18.763	ug/l	100
41) Methacrylonitrile	5.06	41	41329	19.350	ug/l	94
42) 1,2-Dichloroethane	6.20	62	62602	19.132	ug/l	96
43) Isopropyl Acetate	6.46	43	104537	18.194	ug/l	96
44) Trichloroethene	7.21	130	45029	19.190	ug/l	90
45) 1,2-Dichloropropane	7.52	63	44244	19.106	ug/l	99
46) Dibromomethane	7.66	93	28462	19.030	ug/l	97
47) Bromodichloromethane	7.90	83	55586	19.149	ug/l	99
48) Methyl methacrylate	7.77	41	54445	19.451	ug/l	92
49) 1,4-Dioxane	7.75	88	23499	384.154	ug/l	89
51) 4-Methyl-2-Pentanone	8.65	43	375402	97.215	ug/l	93
52) Toluene	8.79	92	101533	19.396	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	56290	17.942	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	63774	18.880	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	42378	19.201	ug/l	97
56) Ethyl methacrylate	9.18	69	61503	18.682	ug/l	92
57) 1,3-Dichloropropane	9.37	76	70902	18.986	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	187413	101.931	ug/l	94
59) 2-Hexanone	9.49	43	292702	96.137	ug/l	91
60) Dibromochloromethane	9.59	129	44015	19.114	ug/l	98
61) 1,2-Dibromoethane	9.67	107	43882	19.219	ug/l	99
64) Tetrachloroethene	9.34	164	47419	19.779	ug/l	98
65) Chlorobenzene	10.14	112	114864	18.678	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.22	131	41668	18.582	ug/l	99
67) Ethyl Benzene	10.26	91	190965	18.874	ug/l	98
68) m/p-Xylenes	10.36	106	150773	38.408	ug/l	94
69) o-Xylene	10.70	106	70850	19.184	ug/l	95
70) Styrene	10.71	104	118673	19.195	ug/l	96
71) Bromoform	10.86	173	35119	17.551	ug/l	97
73) Isopropylbenzene	11.02	105	196238	20.280	ug/l	99
74) N-amyl acetate	10.90	43	90674	18.911	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.27	83	68393	19.158	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	63778m	19.781	ug/l	
77) Bromobenzene	11.26	156	53324	19.774	ug/l	98
78) n-propylbenzene	11.36	91	226241	20.447	ug/l	99
79) 2-Chlorotoluene	11.42	91	135769	19.790	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	166987	20.173	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	17408	16.960	ug/l	96
82) 4-Chlorotoluene	11.51	91	158962	19.650	ug/l	99
83) tert-Butylbenzene	11.77	119	159198	19.294	ug/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	172758	20.593	ug/l	96
85) sec-Butylbenzene	11.94	105	196337	19.941	ug/l	98
86) p-Isopropyltoluene	12.07	119	175495	19.939	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	96269	18.984	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	98721	18.612	ug/l	97
89) n-Butylbenzene	12.39	91	148982	18.750	ug/l	97
90) Hexachloroethane	12.60	117	27923	18.394	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	97027	18.912	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	16121	18.677	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	69086	18.576	ug/l	100
94) Hexachlorobutadiene	13.79	225	34416	17.857	ug/l	98
95) Naphthalene	13.83	128	213066	19.709	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	72293	19.175	ug/l	98

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

