

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052518\
 Data File : VX001992.D
 Acq On : 25 May 2018 22:49
 Operator : JC/MD
 Sample : VX0525WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0525WBS02

Manual Integrations
 APPROVED

MMDadoda
 5/29/2018 4:39:24 PM

Quant Time: May 26 04:06:18 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	267005	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	378943	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	348070	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	224281	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	228695	47.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.84%	
35) Dibromofluoromethane	5.51	113	178356	47.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.14%	
50) Toluene-d8	8.72	98	658023	47.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.92%	
62) 4-Bromofluorobenzene	11.14	95	247790	46.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	67611	18.972	ug/l	100
3) Chloromethane	1.32	50	80703	19.645	ug/l	100
4) Vinyl Chloride	1.40	62	82531	20.806	ug/l	100
5) Bromomethane	1.64	94	41846	22.387	ug/l	98
6) Chloroethane	1.73	64	53709	22.969	ug/l	100
7) Trichlorofluoromethane	1.93	101	129205	21.690	ug/l	97
8) Diethyl Ether	2.19	74	48689	22.527	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	71288	21.446	ug/l	98
10) Methyl Iodide	2.51	142	74796	16.630	ug/l	99
11) Tert butyl alcohol	3.09	59	113417	121.062	ug/l	99
12) 1,1-Dichloroethene	2.37	96	66590	21.397	ug/l	96
13) Acrolein	2.30	56	33667	83.116	ug/l	96
14) Allyl chloride	2.73	41	140687	21.536	ug/l	99
15) Acrylonitrile	3.15	53	215391	111.803	ug/l	100
16) Acetone	2.45	43	203204	110.321	ug/l	99
17) Carbon Disulfide	2.57	76	186029	20.769	ug/l	99
18) Methyl Acetate	2.78	43	109647	24.122	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	259767	22.192	ug/l	98
20) Methylene Chloride	2.86	84	76497	23.089	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	70624	22.438	ug/l	97
22) Diisopropyl ether	3.88	45	270505	20.357	ug/l	99
23) Vinyl Acetate	3.83	43	1188011	107.832	ug/l	98
24) 1,1-Dichloroethane	3.70	63	135766	21.509	ug/l	99
25) 2-Butanone	4.71	43	332773	98.572	ug/l	100
26) 2,2-Dichloropropane	4.59	77	94184	14.742	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	80311	19.790	ug/l	99
28) Bromochloromethane	5.03	49	61843	22.179	ug/l	99
29) Tetrahydrofuran	5.17	42	216478	98.558	ug/l	99
30) Chloroform	5.22	83	138258	19.442	ug/l	97
31) Cyclohexane	5.58	56	125667	19.109	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	129352	19.511	ug/l	99
36) 1,1-Dichloropropene	5.81	75	98453	18.678	ug/l	99
37) Ethyl Acetate	4.87	43	129645	18.866	ug/l	99
38) Carbon Tetrachloride	5.79	117	116594	18.969	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	122255	18.879	ug/l	99
40) Benzene	6.15	78	304023	19.688	ug/l	99
41) Methacrylonitrile	5.07	41	74601	19.749	ug/l	98
42) 1,2-Dichloroethane	6.20	62	118409	19.196	ug/l	99
43) Isopropyl Acetate	6.47	43	222614	19.442	ug/l	100
44) Trichloroethene	7.22	130	85432	18.985	ug/l	98
45) 1,2-Dichloropropane	7.52	63	82897	19.767	ug/l	100
46) Dibromomethane	7.67	93	53656	19.325	ug/l	99
47) Bromodichloromethane	7.90	83	109900	18.564	ug/l	98
48) Methyl methacrylate	7.78	41	110287	18.925	ug/l	99
49) 1,4-Dioxane	7.76	88	41828	407.317	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	692631	100.350	ug/l	99
52) Toluene	8.79	92	189596	19.292	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	125244	18.368	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	120866	18.191	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	78295	19.071	ug/l	99
56) Ethyl methacrylate	9.19	69	132097	18.707	ug/l	98
57) 1,3-Dichloropropane	9.38	76	131378	19.425	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	318309	101.701	ug/l	99
59) 2-Hexanone	9.50	43	536384	100.786	ug/l	99
60) Dibromochloromethane	9.59	129	90594	18.630	ug/l	100
61) 1,2-Dibromoethane	9.68	107	83770	19.446	ug/l	99
64) Tetrachloroethene	9.34	164	96623	19.361	ug/l	99
65) Chlorobenzene	10.15	112	211532	19.182	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	84592	18.996	ug/l	100
67) Ethyl Benzene	10.26	91	373459	19.492	ug/l	98
68) m/p-Xylenes	10.37	106	281938	38.494	ug/l	100
69) o-Xylene	10.70	106	141238	19.313	ug/l	100
70) Styrene	10.72	104	232046	19.133	ug/l	100
71) Bromoform	10.87	173	74956	17.752	ug/l #	100
73) Isopropylbenzene	11.02	105	381584	20.092	ug/l	98
74) N-amyl acetate	6.47	43	222614	20.749	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	113542	21.127	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	118718m	22.037	ug/l	
77) Bromobenzene	11.26	156	99602	19.766	ug/l	99
78) n-propylbenzene	11.37	91	419980	19.744	ug/l	99
79) 2-Chlorotoluene	11.43	91	253533	20.361	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	316093	19.475	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	35411	15.798	ug/l	95
82) 4-Chlorotoluene	11.52	91	292596	19.503	ug/l	99
83) tert-Butylbenzene	11.77	119	321626	20.194	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	326600	19.472	ug/l	100
85) sec-Butylbenzene	11.95	105	376326	19.656	ug/l	99
86) p-Isopropyltoluene	12.07	119	332295	19.396	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	172049	19.065	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	175917	19.499	ug/l	99
89) n-Butylbenzene	12.40	91	274399	18.902	ug/l	100
90) Hexachloroethane	12.60	117	60782	17.986	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	179315	19.502	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	30364	17.982	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	123354	18.762	ug/l	99
94) Hexachlorobutadiene	13.79	225	66552	18.817	ug/l	99
95) Naphthalene	13.84	128	403155	19.903	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	132436	19.467	ug/l	100

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

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