

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061618\
 Data File : VX002654.D
 Acq On : 16 Jun 2018 18:32
 Operator : JC/MD
 Sample : VX0616WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0616WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/19/2018 1:04:50 PM

Quant Time: Jun 18 02:08:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	154561	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	262681	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	261452	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	160841	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	144859	61.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	123.34%	
35) Dibromofluoromethane	5.51	113	109128	52.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.10%	
50) Toluene-d8	8.72	98	389033	48.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.74%	
62) 4-Bromofluorobenzene	11.14	95	148239	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	20379	12.420	ug/l	97
3) Chloromethane	1.32	50	39224	20.096	ug/l	97
4) Vinyl Chloride	1.41	62	36853	18.195	ug/l	94
5) Bromomethane	1.64	94	28564	23.373	ug/l	96
6) Chloroethane	1.72	64	31863	23.868	ug/l	99
7) Trichlorofluoromethane	1.93	101	52821	16.052	ug/l	95
8) Diethyl Ether	2.19	74	31160	24.896	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	25494	13.860	ug/l	98
10) Methyl Iodide	2.51	142	38325	19.020	ug/l	98
11) Tert butyl alcohol	3.08	59	70032m	144.233	ug/l	
12) 1,1-Dichloroethene	2.37	96	32528	18.835	ug/l	97
13) Acrolein	2.30	56	23940	109.148	ug/l	100
14) Allyl chloride	2.73	41	80516	23.481	ug/l	99
15) Acrylonitrile	3.15	53	140323	132.438	ug/l	100
16) Acetone	2.45	43	150392	145.132	ug/l	99
17) Carbon Disulfide	2.57	76	80639	19.687	ug/l	100
18) Methyl Acetate	2.78	43	77207	27.967	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	164914	25.455	ug/l	99
20) Methylene Chloride	2.86	84	49503	23.299	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	41031	21.900	ug/l	96
22) Diisopropyl ether	3.88	45	150403	24.243	ug/l	98
23) Vinyl Acetate	3.83	43	649980	125.178	ug/l	100
24) 1,1-Dichloroethane	3.70	63	75924	22.548	ug/l	100
25) 2-Butanone	4.71	43	189769	139.448	ug/l	99
26) 2,2-Dichloropropane	4.59	77	51663	21.353	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	46277	24.275	ug/l	97
28) Bromochloromethane	5.03	49	37193	23.586	ug/l	98
29) Tetrahydrofuran	5.17	42	119793	134.315	ug/l	98
30) Chloroform	5.22	83	80412	24.765	ug/l	99
31) Cyclohexane	5.58	56	39428	14.222	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	58583	21.572	ug/l	98
36) 1,1-Dichloropropene	5.81	75	44942	16.109	ug/l	96
37) Ethyl Acetate	4.87	43	71939	22.782	ug/l	99
38) Carbon Tetrachloride	5.79	117	45517	16.384	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	35911	11.011	ug/l	97
40) Benzene	6.15	78	168597	20.154	ug/l	99
41) Methacrylonitrile	5.07	41	40555	22.747	ug/l	97
42) 1,2-Dichloroethane	6.20	62	73317	22.638	ug/l	99
43) Isopropyl Acetate	6.48	43	112351	21.475	ug/l	99
44) Trichloroethene	7.22	130	45138	18.695	ug/l	93
45) 1,2-Dichloropropane	7.53	63	45675	20.746	ug/l	97
46) Dibromomethane	7.67	93	33558	22.786	ug/l	98
47) Bromodichloromethane	7.90	83	55865	21.507	ug/l	98
48) Methyl methacrylate	7.78	41	58866	22.018	ug/l	97
49) 1,4-Dioxane	7.76	88	24313	480.215	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	383834	114.266	ug/l	99
52) Toluene	8.79	92	106614	19.979	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	64952	20.380	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	59693	20.242	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	49781	23.087	ug/l	96
56) Ethyl methacrylate	9.18	69	71966	21.688	ug/l	97
57) 1,3-Dichloropropane	9.38	76	80535	22.084	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	177821	110.797	ug/l	98
59) 2-Hexanone	9.50	43	295974	116.928	ug/l	100
60) Dibromochloromethane	9.59	129	45941	21.277	ug/l	98
61) 1,2-Dibromoethane	9.68	107	50250	22.502	ug/l	100
64) Tetrachloroethene	9.34	164	47191	16.260	ug/l	98
65) Chlorobenzene	10.14	112	129898	20.231	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	45054	20.582	ug/l	98
67) Ethyl Benzene	10.26	91	202949	18.739	ug/l	98
68) m/p-Xylenes	10.36	106	156460	37.452	ug/l	100
69) o-Xylene	10.70	106	79798	19.442	ug/l	98
70) Styrene	10.71	104	134836	19.975	ug/l	99
71) Bromoform	10.86	173	33683	20.106	ug/l #	100
73) Isopropylbenzene	11.02	105	197383	18.349	ug/l	100
74) N-amyl acetate	6.48	43	112351	21.021	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	73196	23.041	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	64452m	21.236	ug/l	
77) Bromobenzene	11.26	156	62863	20.976	ug/l	97
78) n-propylbenzene	11.37	91	221189	17.929	ug/l	99
79) 2-Chlorotoluene	11.43	91	145304	19.727	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	172844	19.013	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	15625	19.278	ug/l	88
82) 4-Chlorotoluene	11.51	91	169545	19.507	ug/l	99
83) tert-Butylbenzene	11.77	119	160738	18.354	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	183523	19.784	ug/l	100
85) sec-Butylbenzene	11.95	105	182972	16.802	ug/l	99
86) p-Isopropyltoluene	12.07	119	170365	17.291	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	108148	19.678	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	111700	19.975	ug/l	99
89) n-Butylbenzene	12.39	91	138569	15.942	ug/l	99
90) Hexachloroethane	12.60	117	23052	16.846	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	121837	22.026	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	14751	22.169	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	76801	19.130	ug/l	98
94) Hexachlorobutadiene	13.79	225	30230	14.295	ug/l	100
95) Naphthalene	13.84	128	236081	21.854	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	82479	20.456	ug/l	100

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

