

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080118\
 Data File : VX003794.D
 Acq On : 01 Aug 2018 15:26
 Operator : JC/SP
 Sample : VX0801SBS01
 Misc : 5.00G/5.0mL/MSVOA X/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0801SBS01

Manual Integrations
 APPROVED

apatel
 8/2/2018 4:19:52 PM

Quant Time: Aug 02 06:35:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X073018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 11:17:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	117816	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	160678	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.12	117	141153	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	81104	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	53699	45.07	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	90.14%	
35) Dibromofluoromethane	5.49	113	48919	51.71	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	103.42%	
50) Toluene-d8	8.71	98	190686	48.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.68%	
62) 4-Bromofluorobenzene	11.14	95	69320	47.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	20473	20.588	ug/l	91
3) Chloromethane	1.32	50	23788	19.030	ug/l	96
4) Vinyl Chloride	1.40	62	23566	17.526	ug/l #	88
5) Bromomethane	1.63	94	14524	18.561	ug/l	98
6) Chloroethane	1.71	64	14208	15.979	ug/l	96
7) Trichlorofluoromethane	1.92	101	30703	17.414	ug/l	99
8) Diethyl Ether	2.18	74	12288	18.441	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	20052	17.928	ug/l	98
10) Methyl Iodide	2.50	142	16511	12.840	ug/l	98
11) Tert butyl alcohol	3.08	59	15525	80.464	ug/l	99
12) 1,1-Dichloroethene	2.37	96	18301	17.379	ug/l	97
13) Acrolein	2.29	56	5943	94.146	ug/l	96
14) Allyl chloride	2.71	41	33342	17.861	ug/l	99
15) Acrylonitrile	3.15	53	45479	92.685	ug/l	99
16) Acetone	2.45	43	30376	66.740	ug/l	96
17) Carbon Disulfide	2.56	76	54848	16.008	ug/l	99
18) Methyl Acetate	2.78	43	19021	14.871	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	55550	19.380	ug/l	100
20) Methylene Chloride	2.85	84	24601	18.519	ug/l	89
21) trans-1,2-Dichloroethene	3.15	96	22646	19.626	ug/l	95
22) Diisopropyl ether	3.87	45	66549	19.748	ug/l #	89
23) Vinyl Acetate	3.82	43	248736	102.341	ug/l	100
24) 1,1-Dichloroethane	3.69	63	38750	19.718	ug/l	99
25) 2-Butanone	4.70	43	55255	83.279	ug/l	95
26) 2,2-Dichloropropane	4.58	77	29602	19.125	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	23322	18.755	ug/l	99
28) Bromochloromethane	5.02	49	15903	18.040	ug/l	99
29) Tetrahydrofuran	5.15	42	38343	90.682	ug/l	99
30) Chloroform	5.20	83	39151	20.217	ug/l	86
31) Cyclohexane	5.57	56	38179	20.112	ug/l	88
32) 1,1,1-Trichloroethane	5.49	97	34125	20.503	ug/l	98
36) 1,1-Dichloropropene	5.79	75	31493	20.929	ug/l	98
37) Ethyl Acetate	4.85	43	22799	19.724	ug/l	99
38) Carbon Tetrachloride	5.78	117	28190	20.254	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	36161	19.574	ug/l	95
40) Benzene	6.14	78	90171	20.911	ug/l #	89
41) Methacrylonitrile	5.05	41	12901	19.801	ug/l	99
42) 1,2-Dichloroethane	6.19	62	28303	21.731	ug/l	98
43) Isopropyl Acetate	6.46	43	36609	19.878	ug/l	99
44) Trichloroethene	7.21	130	24547	19.955	ug/l	94
45) 1,2-Dichloropropane	7.52	63	21868	20.622	ug/l	99
46) Dibromomethane	7.67	93	12056	19.729	ug/l	97
47) Bromodichloromethane	7.90	83	24671	20.259	ug/l	99
48) Methyl methacrylate	7.77	41	17782	19.249	ug/l	100
49) 1,4-Dioxane	7.76	88	6644	356.341	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	106024	93.675	ug/l	100
52) Toluene	8.79	92	55184	20.516	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	27238	19.584	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	31757	20.484	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	19260	20.805	ug/l	98
56) Ethyl methacrylate	9.18	69	25039	19.691	ug/l	100
57) 1,3-Dichloropropane	9.37	76	31824	20.479	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	53156	89.421	ug/l	99
59) 2-Hexanone	9.49	43	79648	92.373	ug/l	99
60) Dibromochloromethane	9.59	129	18691	20.048	ug/l	98
61) 1,2-Dibromoethane	9.67	107	18897	19.993	ug/l	100
64) Tetrachloroethene	9.34	164	22888	20.629	ug/l	97
65) Chlorobenzene	10.14	112	62113	21.058	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	20153	20.951	ug/l	100
67) Ethyl Benzene	10.26	91	104279	20.937	ug/l	99
68) m/p-Xylenes	10.36	106	81528	41.845	ug/l	99
69) o-Xylene	10.70	106	37668	20.821	ug/l	97
70) Styrene	10.71	104	64458	21.179	ug/l	99
71) Bromoform	10.86	173	12775	19.316	ug/l #	98
73) Isopropylbenzene	11.02	105	105834	20.844	ug/l	99
74) N-amyl acetate	6.46	43	36609	20.342	ug/l #	56
75) 1,1,2,2-Tetrachloroethane	11.27	83	25809	19.552	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	22484m	20.113	ug/l	
77) Bromobenzene	11.26	156	27486	20.764	ug/l	98
78) n-propylbenzene	11.36	91	126603	20.582	ug/l	100
79) 2-Chlorotoluene	11.42	91	72262	20.692	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	90307	20.838	ug/l #	68
81) trans-1,4-Dichloro-2-buten	11.08	75	7159	18.969	ug/l #	88
82) 4-Chlorotoluene	11.51	91	87977	20.770	ug/l	100
83) tert-Butylbenzene	11.77	119	88424	20.629	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	92929	20.832	ug/l	99
85) sec-Butylbenzene	11.95	105	113119	20.627	ug/l	100
86) p-Isopropyltoluene	12.07	119	102674	20.600	ug/l #	70
87) 1,3-Dichlorobenzene	12.03	146	55181	20.608	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	55821	20.433	ug/l	99
89) n-Butylbenzene	12.39	91	96533	20.349	ug/l	100
90) Hexachloroethane	12.60	117	14704	19.867	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	51373	20.601	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	4878	18.624	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	40823	20.637	ug/l	100
94) Hexachlorobutadiene	13.79	225	24937	19.713	ug/l	99
95) Naphthalene	13.83	128	85891	20.319	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	36807	20.498	ug/l	99

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

