

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080118\
 Data File : VX003795.D
 Acq On : 01 Aug 2018 15:52
 Operator : JC/SP
 Sample : VX0801SBSD01
 Misc : 5.00G/5.0mL/MSVOA X/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0801SBSD01

Manual Integrations
 APPROVED

apatel
 8/2/2018 4:20:08 PM

Quant Time: Aug 02 06:36:50 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	5.66	168	104162	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	152522	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.12	117	127466	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	71913	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	48442	45.98	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	91.96%	
35) Dibromofluoromethane	5.50	113	40982	45.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.26%	
50) Toluene-d8	8.72	98	171956	45.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.84%	
62) 4-Bromofluorobenzene	11.14	95	60907	44.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	16996	19.332	ug/l	100
3) Chloromethane	1.32	50	20172	18.253	ug/l	97
4) Vinyl Chloride	1.40	62	22132	18.618	ug/l	92
5) Bromomethane	1.63	94	12672	18.290	ug/l	99
6) Chloroethane	1.70	64	12504	15.906	ug/l	97
7) Trichlorofluoromethane	1.92	101	28169	18.071	ug/l	98
8) Diethyl Ether	2.18	74	10293	17.472	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	18066	18.270	ug/l	98
10) Methyl Iodide	2.50	142	14247	12.532	ug/l	99
11) Tert butyl alcohol	3.09	59	16297	95.538	ug/l	100
12) 1,1-Dichloroethene	2.36	96	17007	18.267	ug/l	95
13) Acrolein	2.29	56	5653	101.290	ug/l	94
14) Allyl chloride	2.72	41	28599	17.328	ug/l	98
15) Acrylonitrile	3.15	53	41654	96.018	ug/l	98
16) Acetone	2.45	43	29494	73.296	ug/l	99
17) Carbon Disulfide	2.56	76	48925	16.151	ug/l	100
18) Methyl Acetate	2.78	43	18609	16.457	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	47664	18.808	ug/l #	91
20) Methylene Chloride	2.85	84	21729	18.498	ug/l	95
21) trans-1,2-Dichloroethene	3.15	96	19002	18.627	ug/l	95
22) Diisopropyl ether	3.87	45	53331	17.900	ug/l	97
23) Vinyl Acetate	3.82	43	187349	87.188	ug/l	99
24) 1,1-Dichloroethane	3.69	63	32083	18.465	ug/l	97
25) 2-Butanone	4.70	43	51809	88.321	ug/l	100
26) 2,2-Dichloropropane	4.58	77	27286	19.940	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	21814	19.842	ug/l	96
28) Bromochloromethane	5.02	49	13575	17.418	ug/l	98
29) Tetrahydrofuran	5.16	42	33941	90.793	ug/l	100
30) Chloroform	5.21	83	32078	18.736	ug/l	96
31) Cyclohexane	5.57	56	31369	18.690	ug/l	87
32) 1,1,1-Trichloroethane	5.49	97	28291	19.226	ug/l	99
36) 1,1-Dichloropropene	5.79	75	26543	18.583	ug/l	98
37) Ethyl Acetate	4.85	43	19733	17.985	ug/l	97
38) Carbon Tetrachloride	5.78	117	25090	18.991	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	33118	18.885	ug/l	98
40) Benzene	6.14	78	77425	18.915	ug/l	99
41) Methacrylonitrile	5.06	41	11059	17.882	ug/l	99
42) 1,2-Dichloroethane	6.20	62	22505	18.204	ug/l	100
43) Isopropyl Acetate	6.46	43	30715	17.570	ug/l	100
44) Trichloroethene	7.21	130	21561	18.465	ug/l	94
45) 1,2-Dichloropropane	7.52	63	18861	18.737	ug/l	96
46) Dibromomethane	7.67	93	9970	17.188	ug/l	99
47) Bromodichloromethane	7.90	83	21165	18.309	ug/l	99
48) Methyl methacrylate	7.78	41	15206	17.341	ug/l	99
49) 1,4-Dioxane	7.76	88	7023	396.810	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	96417	89.743	ug/l	99
52) Toluene	8.79	92	48351	18.937	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	23135	17.523	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	26519	18.020	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	16511	18.789	ug/l	99
56) Ethyl methacrylate	9.18	69	20965	17.369	ug/l	98
57) 1,3-Dichloropropane	9.37	76	27021	18.318	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	46990	84.386	ug/l	99
59) 2-Hexanone	9.50	43	74005	90.418	ug/l	97
60) Dibromochloromethane	9.59	129	15335	17.328	ug/l	99
61) 1,2-Dibromoethane	9.67	107	16008	17.842	ug/l	99
64) Tetrachloroethene	9.34	164	20333	20.294	ug/l	95
65) Chlorobenzene	10.14	112	53989	20.269	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	17450	20.089	ug/l	100
67) Ethyl Benzene	10.26	91	91326	20.305	ug/l	100
68) m/p-Xylenes	10.36	106	71861	40.844	ug/l	100
69) o-Xylene	10.70	106	32613	19.963	ug/l	98
70) Styrene	10.71	104	55724	20.275	ug/l	100
71) Bromoform	10.86	173	10922	18.287	ug/l #	98
73) Isopropylbenzene	11.02	105	92673	20.585	ug/l	100
74) N-amyl acetate	6.46	43	30715	19.248	ug/l #	56
75) 1,1,2,2-Tetrachloroethane	11.27	83	22400	19.138	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	19386m	19.558	ug/l	
77) Bromobenzene	11.26	156	24108	20.540	ug/l	99
78) n-propylbenzene	11.36	91	112182	20.569	ug/l	99
79) 2-Chlorotoluene	11.42	91	63419	20.481	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	78821	20.512	ug/l #	68
81) trans-1,4-Dichloro-2-buten	11.08	75	6154	18.390	ug/l #	90
82) 4-Chlorotoluene	11.51	91	76370	20.334	ug/l	100
83) tert-Butylbenzene	11.77	119	76534	20.137	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	80415	20.331	ug/l	99
85) sec-Butylbenzene	11.95	105	100471	20.663	ug/l	99
86) p-Isopropyltoluene	12.07	119	89340	20.215	ug/l #	70
87) 1,3-Dichlorobenzene	12.03	146	47488	20.001	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	48048	19.835	ug/l	99
89) n-Butylbenzene	12.39	91	85052	20.221	ug/l	100
90) Hexachloroethane	12.60	117	12742	19.417	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	44050	19.923	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	4556	19.618	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	34364	19.592	ug/l	99
94) Hexachlorobutadiene	13.79	225	22274	19.858	ug/l	99
95) Naphthalene	13.83	128	73727	19.670	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	31394	19.718	ug/l	100

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

