

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073118\
 Data File : VX003769.D
 Acq On : 01 Aug 2018 00:58
 Operator : JC/SP
 Sample : VX0731SBSD02
 Misc : 5.00G/5.0mL/MSVOA X/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731SBSD02

Manual Integrations
 APPROVED

apatel
 8/1/2018 6:54:44 PM

Quant Time: Aug 01 06:59:16 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	98374	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	126872	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	97178	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	55092	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	40988	41.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.40%	
35) Dibromofluoromethane	5.50	113	36973	49.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.98%	
50) Toluene-d8	8.71	98	168246	54.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.04%	
62) 4-Bromofluorobenzene	11.14	95	47057	40.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	18471	22.25	ug/l	99
3) Chloromethane	1.32	50	20748	19.88	ug/l	96
4) Vinyl Chloride	1.40	62	24693	21.99	ug/l #	89
5) Bromomethane	1.63	94	12647	19.45	ug/l	96
6) Chloroethane	1.70	64	14800	19.93	ug/l	97
7) Trichlorofluoromethane	1.92	101	30695	20.85	ug/l	98
8) Diethyl Ether	2.18	74	9974	17.93	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	20418	21.86	ug/l	99
10) Methyl Iodide	2.50	142	14911	13.89	ug/l	98
11) Tert butyl alcohol	3.08	59	17866	110.90	ug/l	98
12) 1,1-Dichloroethene	2.37	96	18060	20.54	ug/l	98
13) Acrolein	2.29	56	4635	87.94	ug/l	95
14) Allyl chloride	2.72	41	31684	20.33	ug/l	98
15) Acrylonitrile	3.15	53	42606	103.99	ug/l	98
16) Acetone	2.45	43	38873	102.29	ug/l	95
17) Carbon Disulfide	2.56	76	53838	18.82	ug/l	99
18) Methyl Acetate	2.78	43	23564	22.06	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	44232	18.48	ug/l	99
20) Methylene Chloride	2.85	84	20391	18.36	ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	19996	20.75	ug/l	95
22) Diisopropyl ether	3.87	45	52230	18.56	ug/l	99
23) Vinyl Acetate	3.82	43	164037	80.83	ug/l	99
24) 1,1-Dichloroethane	3.70	63	32935	20.07	ug/l	96
25) 2-Butanone	4.70	43	56342	101.70	ug/l	96
26) 2,2-Dichloropropane	4.58	77	23864	18.47	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	19740	19.01	ug/l	96
28) Bromochloromethane	5.02	49	12595	17.11	ug/l	96
29) Tetrahydrofuran	5.16	42	35596	100.82	ug/l	99
30) Chloroform	5.21	83	30328	18.76	ug/l	96
31) Cyclohexane	5.58	56	34263	21.62	ug/l #	83
32) 1,1,1-Trichloroethane	5.49	97	29112	20.95	ug/l	99
36) 1,1-Dichloropropene	5.81	75	27411	23.07	ug/l	99
37) Ethyl Acetate	4.85	43	19185	21.02	ug/l	96
38) Carbon Tetrachloride	5.78	117	24519	22.31	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	34966	23.97	ug/l	98
40) Benzene	6.15	78	70208	20.62	ug/l	97
41) Methacrylonitrile	5.06	41	10807	21.01	ug/l	97
42) 1,2-Dichloroethane	6.20	62	19918	19.37	ug/l	98
43) Isopropyl Acetate	6.46	43	27697	19.05	ug/l	100
44) Trichloroethene	7.22	130	20706	21.32	ug/l	85
45) 1,2-Dichloropropane	7.52	63	16512	19.72	ug/l	96
46) Dibromomethane	7.67	93	8459	17.53	ug/l	97
47) Bromodichloromethane	7.90	83	18079	18.80	ug/l	98
48) Methyl methacrylate	7.77	41	13793	18.91	ug/l	97
49) 1,4-Dioxane	7.76	88	7732	525.19	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	90559	101.33	ug/l	99
52) Toluene	8.79	92	44475	20.94	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	19526	17.78	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	21542	17.60	ug/l	95
55) 1,1,2-Trichloroethane	9.22	97	13777	18.85	ug/l	91
56) Ethyl methacrylate	9.18	69	18462	18.39	ug/l	98
57) 1,3-Dichloropropane	9.37	76	22136	18.04	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	38950	84.15	ug/l	99
59) 2-Hexanone	9.50	43	69052	101.42	ug/l	97
60) Dibromochloromethane	9.59	129	12020	16.33	ug/l	100
61) 1,2-Dibromoethane	9.67	107	12308	16.49	ug/l	98
64) Tetrachloroethene	9.34	164	21846	28.60	ug/l	97
65) Chlorobenzene	10.14	112	41759	20.56	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	12707	19.19	ug/l	99
67) Ethyl Benzene	10.26	91	75683	22.07	ug/l	98
68) m/p-Xylenes	10.36	106	57832	43.12	ug/l	96
69) o-Xylene	10.70	106	26352	21.16	ug/l	97
70) Styrene	10.71	104	42556	20.31	ug/l	98
71) Bromoform	10.86	173	7546	16.57	ug/l #	100
73) Isopropylbenzene	11.02	105	77720	22.53	ug/l	99
74) N-amyl acetate	6.46	43	27697	22.66	ug/l #	56
75) 1,1,2,2-Tetrachloroethane	11.27	83	18518	20.65	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	16709m	22.00	ug/l	
77) Bromobenzene	11.26	156	19951	22.19	ug/l	96
78) n-propylbenzene	11.36	91	101507	24.29	ug/l	99
79) 2-Chlorotoluene	11.42	91	53542	22.57	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	66834	22.70	ug/l #	70
81) trans-1,4-Dichloro-2-buten	11.08	75	4014	15.66	ug/l	87
82) 4-Chlorotoluene	11.51	91	62164	21.60	ug/l	98
83) tert-Butylbenzene	11.77	119	65991	22.66	ug/l	94
84) 1,2,4-Trimethylbenzene	11.81	105	66751	22.03	ug/l	98
85) sec-Butylbenzene	11.94	105	91618	24.59	ug/l	99
86) p-Isopropyltoluene	12.07	119	82931	24.49	ug/l #	71
87) 1,3-Dichlorobenzene	12.03	146	40028	22.01	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	37828	20.38	ug/l	98
89) n-Butylbenzene	12.39	91	77745	24.13	ug/l	99
90) Hexachloroethane	12.60	117	11182	22.24	ug/l	91
91) 1,2-Dichlorobenzene	12.40	146	33421	19.73	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	3844	21.61	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	29485	21.94	ug/l	100
94) Hexachlorobutadiene	13.79	225	22893	26.64	ug/l	99
95) Naphthalene	13.83	128	71459	24.89	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	23763	19.48	ug/l	99

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

