

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080118\
 Data File : VX003815.D
 Acq On : 02 Aug 2018 00:17
 Operator : JC/SP
 Sample : J4164-04MSD
 Misc : 11.13G/5.0mL/MSVOA X/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-6(7-9)MSD

Manual Integrations
 APPROVED

apatel
 8/2/2018 4:51:05 PM

Quant Time: Aug 02 08:39:37 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	80980	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	118124	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	98436	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	40732	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	46093	56.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.56%	
35) Dibromofluoromethane	5.51	113	40503	58.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.46%	
50) Toluene-d8	8.72	98	151925	52.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.78%	
62) 4-Bromofluorobenzene	11.14	95	45766	42.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	36252	53.039	ug/l	99
3) Chloromethane	1.32	50	47441	55.215	ug/l	100
4) Vinyl Chloride	1.40	62	44610	48.269	ug/l #	88
5) Bromomethane	1.64	94	28701	57.235	ug/l	100
6) Chloroethane	1.72	64	29390	48.090	ug/l	98
7) Trichlorofluoromethane	1.93	101	64911	53.562	ug/l	99
8) Diethyl Ether	2.19	74	30291	66.135	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	39931	51.941	ug/l	99
10) Methyl Iodide	2.51	142	32287	36.530	ug/l	99
11) Tert butyl alcohol	3.07	59	30101	226.976	ug/l	99
12) 1,1-Dichloroethene	2.37	96	35470	49.004	ug/l	97
13) Acrolein	2.29	56	171	3.941	ug/l	82
14) Allyl chloride	2.73	41	46203	36.009	ug/l	98
15) Acrylonitrile	3.15	53	80317	238.141	ug/l	99
16) Acetone	2.45	43	87031	278.198	ug/l	100
17) Carbon Disulfide	2.57	76	65541	27.830	ug/l	97
18) Methyl Acetate	2.78	43	86389	98.266	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	136512	69.288	ug/l	99
20) Methylene Chloride	2.86	84	48458	59.417	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	32686	41.213	ug/l	97
22) Diisopropyl ether	3.87	45	155889	67.302	ug/l	98
23) Vinyl Acetate	3.82	43	158110	94.645	ug/l	99
24) 1,1-Dichloroethane	3.70	63	84858	62.821	ug/l	96
25) 2-Butanone	4.70	43	115469	253.194	ug/l	97
26) 2,2-Dichloropropane	4.59	77	48603	45.685	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	45520	53.258	ug/l	95
28) Bromochloromethane	5.02	49	32515	53.662	ug/l	98
29) Tetrahydrofuran	5.15	42	72774	250.401	ug/l	98
30) Chloroform	5.22	83	85103	63.936	ug/l	89
31) Cyclohexane	5.58	56	61642	47.242	ug/l	89
32) 1,1,1-Trichloroethane	5.49	97	67339	58.863	ug/l	99
36) 1,1-Dichloropropene	5.80	75	52174	47.164	ug/l	100
37) Ethyl Acetate	4.85	43	37652	44.309	ug/l	99
38) Carbon Tetrachloride	5.79	117	53066	51.862	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	52529	38.677	ug/l	94
40) Benzene	6.15	78	193979	61.190	ug/l	97
41) Methacrylonitrile	5.06	41	26661	55.662	ug/l	97
42) 1,2-Dichloroethane	6.20	62	59963	62.626	ug/l	98
43) Isopropyl Acetate	6.46	43	75698	55.910	ug/l	99
44) Trichloroethene	7.21	130	42665	47.179	ug/l	96
45) 1,2-Dichloropropane	7.52	63	52512	67.360	ug/l	96
46) Dibromomethane	7.67	93	25425	56.595	ug/l	98
47) Bromodichloromethane	7.90	83	59021	65.926	ug/l	99
48) Methyl methacrylate	7.78	41	43913	64.660	ug/l	99
49) 1,4-Dioxane	7.76	88	13193	962.495	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	240475	289.008	ug/l	100
52) Toluene	8.79	92	111709	56.491	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	46550	45.526	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	58970	51.741	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	45155	66.349	ug/l	98
56) Ethyl methacrylate	9.18	69	57054	61.031	ug/l	98
57) 1,3-Dichloropropane	9.37	76	73678	64.492	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	131476	262.667	ug/l	99
59) 2-Hexanone	9.50	43	162745	256.741	ug/l	99
60) Dibromochloromethane	9.59	129	44130	64.386	ug/l	100
61) 1,2-Dibromoethane	9.68	107	39694	57.125	ug/l	100
64) Tetrachloroethene	9.34	164	45582	58.912	ug/l	99
65) Chlorobenzene	10.14	112	115313	56.059	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	46798	69.765	ug/l	99
67) Ethyl Benzene	10.26	91	197272	56.797	ug/l	100
68) m/p-Xylenes	10.36	106	153617	113.062	ug/l	99
69) o-Xylene	10.70	106	76912	60.963	ug/l	100
70) Styrene	10.71	104	105506	49.709	ug/l	97
71) Bromoform	10.86	173	29375	63.690	ug/l #	100
73) Isopropylbenzene	11.02	105	181167	71.047	ug/l	100
74) N-amyl acetate	6.46	43	75698	83.753	ug/l #	56
75) 1,1,2,2-Tetrachloroethane	11.27	83	56967	85.931	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	45524m	81.085	ug/l	
77) Bromobenzene	11.26	156	49064	73.803	ug/l	100
78) n-propylbenzene	11.36	91	190869	61.786	ug/l	100
79) 2-Chlorotoluene	11.42	91	119447	68.104	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	143562	65.959	ug/l #	68
81) trans-1,4-Dichloro-2-buten	11.08	75	9345	49.303	ug/l	94
82) 4-Chlorotoluene	11.51	91	132954	62.498	ug/l	100
83) tert-Butylbenzene	11.77	119	133923	62.210	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	150240	67.062	ug/l	99
85) sec-Butylbenzene	11.95	105	142870	51.875	ug/l	100
86) p-Isopropyltoluene	12.07	119	130381	52.086	ug/l #	70
87) 1,3-Dichlorobenzene	12.03	146	74688	55.539	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	73930	53.884	ug/l	100
89) n-Butylbenzene	12.39	91	96824	40.641	ug/l	100
90) Hexachloroethane	12.60	117	17162	46.172	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	77871	62.179	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	8967	68.170	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	32005	32.216	ug/l	99
94) Hexachlorobutadiene	13.79	225	13769	21.672	ug/l	98
95) Naphthalene	13.83	128	130041	61.254	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	30097	33.374	ug/l	98

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

