

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080118\
 Data File : VX003792.D
 Acq On : 01 Aug 2018 14:11
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00G/5.0mL/MSVOA X/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 8/2/2018 4:19:48 PM

Quant Time: Aug 02 06:30:07 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	86257	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	141106	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	111869	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	69603	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	45517	52.18	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	104.36%	
35) Dibromofluoromethane	5.50	113	37625	45.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.56%	
50) Toluene-d8	8.71	98	154267	44.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.06%	
62) 4-Bromofluorobenzene	11.14	95	57100	44.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	40613	55.784	ug/l	99
3) Chloromethane	1.32	50	51070	55.803	ug/l	100
4) Vinyl Chloride	1.40	62	55127	55.999	ug/l #	89
5) Bromomethane	1.63	94	34503	64.861	ug/l	97
6) Chloroethane	1.72	64	33625	51.654	ug/l	99
7) Trichlorofluoromethane	1.92	101	74087	57.394	ug/l	99
8) Diethyl Ether	2.18	74	27034	55.413	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	47741	58.301	ug/l	98
10) Methyl Iodide	2.50	142	45689	48.531	ug/l	98
11) Tert butyl alcohol	3.07	59	42381	300.022	ug/l	99
12) 1,1-Dichloroethene	2.37	96	43764	56.764	ug/l	99
13) Acrolein	2.29	56	8895	192.464	ug/l	93
14) Allyl chloride	2.72	41	82743	60.542	ug/l	98
15) Acrylonitrile	3.15	53	106802	297.297	ug/l	98
16) Acetone	2.45	43	76921	230.838	ug/l	99
17) Carbon Disulfide	2.56	76	136687	54.489	ug/l	100
18) Methyl Acetate	2.78	43	54486	58.186	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	119989	57.176	ug/l	99
20) Methylene Chloride	2.85	84	50451	58.000	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	48118	56.959	ug/l	97
22) Diisopropyl ether	3.86	45	132844	53.844	ug/l	90
23) Vinyl Acetate	3.82	43	502422	282.352	ug/l	99
24) 1,1-Dichloroethane	3.69	63	79473	55.235	ug/l	97
25) 2-Butanone	4.69	43	123013	253.235	ug/l	96
26) 2,2-Dichloropropane	4.58	77	61187	53.995	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	44421	48.793	ug/l	96
28) Bromochloromethane	5.02	49	34375	53.261	ug/l	86
29) Tetrahydrofuran	5.15	42	86966	280.926	ug/l	99
30) Chloroform	5.21	83	76062	53.648	ug/l	95
31) Cyclohexane	5.57	56	73014	52.534	ug/l	92
32) 1,1,1-Trichloroethane	5.48	97	67716	55.571	ug/l	97
36) 1,1-Dichloropropene	5.79	75	65873	49.849	ug/l	98
37) Ethyl Acetate	4.85	43	49742	49.003	ug/l	100
38) Carbon Tetrachloride	5.78	117	60417	49.429	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	77410	47.713	ug/l	100
40) Benzene	6.14	78	176264	46.546	ug/l	96
41) Methacrylonitrile	5.05	41	28528	49.860	ug/l	97
42) 1,2-Dichloroethane	6.20	62	58353	51.019	ug/l	98
43) Isopropyl Acetate	6.46	43	80125	49.541	ug/l	98
44) Trichloroethene	7.21	130	51474	47.649	ug/l	98
45) 1,2-Dichloropropane	7.52	63	46103	49.507	ug/l	99
46) Dibromomethane	7.66	93	25514	47.543	ug/l	95
47) Bromodichloromethane	7.90	83	53180	49.727	ug/l	100
48) Methyl methacrylate	7.77	41	41551	51.218	ug/l	95
49) 1,4-Dioxane	7.75	88	17587	1074.086	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	254640	256.188	ug/l	97
52) Toluene	8.79	92	114179	48.336	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	64137	52.510	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	67178	49.342	ug/l	94
55) 1,1,2-Trichloroethane	9.22	97	41913	51.555	ug/l	98
56) Ethyl methacrylate	9.18	69	59112	52.934	ug/l	98
57) 1,3-Dichloropropane	9.37	76	70684	51.794	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	154799	259.125	ug/l	98
59) 2-Hexanone	9.49	43	200568	264.875	ug/l	98
60) Dibromochloromethane	9.59	129	40229	49.135	ug/l	100
61) 1,2-Dibromoethane	9.67	107	38586	46.486	ug/l	100
64) Tetrachloroethene	9.34	164	49609	56.417	ug/l	99
65) Chlorobenzene	10.14	112	118825	50.830	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	40228	52.769	ug/l	99
67) Ethyl Benzene	10.26	91	218642	55.391	ug/l	97
68) m/p-Xylenes	10.36	106	163106	105.631	ug/l	97
69) o-Xylene	10.70	106	85618	59.715	ug/l	100
70) Styrene	10.71	104	145034	60.127	ug/l	99
71) Bromoform	10.86	173	30860	58.875	ug/l #	98
73) Isopropylbenzene	11.02	105	220377	50.576	ug/l	99
74) N-amyl acetate	6.46	43	80125	51.879	ug/l #	56
75) 1,1,2,2-Tetrachloroethane	11.27	83	56651	50.008	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	48889m	50.959	ug/l	
77) Bromobenzene	11.26	156	55258	48.642	ug/l	95
78) n-propylbenzene	11.36	91	259745	49.205	ug/l	99
79) 2-Chlorotoluene	11.42	91	159812	53.323	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	201450	54.164	ug/l #	69
81) trans-1,4-Dichloro-2-buten	11.08	75	17019	52.545	ug/l #	87
82) 4-Chlorotoluene	11.51	91	193528	53.237	ug/l	100
83) tert-Butylbenzene	11.77	119	198546	53.973	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	205334	53.636	ug/l	99
85) sec-Butylbenzene	11.95	105	252859	53.728	ug/l	99
86) p-Isopropyltoluene	12.07	119	221259	51.726	ug/l #	71
87) 1,3-Dichlorobenzene	12.03	146	114974	50.033	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	115033	49.065	ug/l	99
89) n-Butylbenzene	12.39	91	211309	51.905	ug/l	99
90) Hexachloroethane	12.60	117	32113	50.559	ug/l	91
91) 1,2-Dichlorobenzene	12.40	146	102857	48.063	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	11680	51.963	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	85588	50.416	ug/l	99
94) Hexachlorobutadiene	13.79	225	51601	47.530	ug/l	100
95) Naphthalene	13.83	128	187815	51.772	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	68719	44.593	ug/l	99

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

