

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071118\
 Data File : VW003870.D
 Acq On : 11 Jul 2018 17:57
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 7/12/2018 10:58:56 AM

Quant Time: Jul 12 06:38:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 05:07:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	229696	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	353690	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	323798	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	169185	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	135374	45.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.14%	
35) Dibromofluoromethane	7.88	113	119410	48.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.48%	
50) Toluene-d8	10.33	98	475407	50.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.42%	
62) 4-Bromofluorobenzene	12.62	95	168501	49.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	56043	50.168	ug/l	97
3) Chloromethane	2.21	50	89971	42.424	ug/l	98
4) Vinyl Chloride	2.36	62	127913	45.729	ug/l	99
5) Bromomethane	2.78	94	83202	42.138	ug/l	98
6) Chloroethane	2.92	64	77227	46.036	ug/l	99
7) Trichlorofluoromethane	3.25	101	60772	53.781	ug/l	97
8) Diethyl Ether	3.67	74	55885	48.257	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	117212	53.337	ug/l	100
10) Methyl Iodide	4.26	142	166202	50.810	ug/l	99
11) Tert butyl alcohol	5.22	59	36827	226.232	ug/l #	83
12) 1,1-Dichloroethene	4.03	96	114267	52.957	ug/l	96
13) Acrolein	3.90	56	47199	210.800	ug/l	98
14) Allyl chloride	4.66	41	204241	54.443	ug/l	98
15) Acrylonitrile	5.38	53	140628	242.492	ug/l	99
16) Acetone	4.14	43	147901	283.799	ug/l	98
17) Carbon Disulfide	4.37	76	347280	49.092	ug/l	98
18) Methyl Acetate	4.68	43	69062	47.003	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	225113	50.488	ug/l	99
20) Methylene Chloride	4.91	84	142663	56.765	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	125308	49.054	ug/l	98
22) Diisopropyl ether	6.31	45	414116	50.212	ug/l	99
23) Vinyl Acetate	6.26	43	1271378	252.529	ug/l	100
24) 1,1-Dichloroethane	6.21	63	241864	48.488	ug/l	99
25) 2-Butanone	7.18	43	198982	243.773	ug/l	100
26) 2,2-Dichloropropane	7.17	77	144243	53.314	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	137979	48.846	ug/l	99
28) Bromochloromethane	7.51	49	100150	45.070	ug/l	99
29) Tetrahydrofuran	7.54	42	123521	235.402	ug/l	99
30) Chloroform	7.68	83	243527	47.859	ug/l	98
31) Cyclohexane	7.95	56	221006	50.420	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	191911	49.555	ug/l	99
36) 1,1-Dichloropropene	8.08	75	198181	52.809	ug/l	99
37) Ethyl Acetate	7.26	43	88539	48.487	ug/l	99
38) Carbon Tetrachloride	8.07	117	185324	51.939	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	231208	56.252	ug/l	98
40) Benzene	8.32	78	546430	50.931	ug/l	99
41) Methacrylonitrile	7.49	41	55105	52.461	ug/l	94
42) 1,2-Dichloroethane	8.40	62	166290	47.891	ug/l	99
43) Isopropyl Acetate	8.43	43	168252	48.617	ug/l	99
44) Trichloroethene	9.09	130	137105	50.690	ug/l	99
45) 1,2-Dichloropropane	9.37	63	140167	50.245	ug/l	100
46) Dibromomethane	9.46	93	70368	47.973	ug/l	99
47) Bromodichloromethane	9.65	83	178857	49.565	ug/l	99
48) Methyl methacrylate	9.44	41	81815	49.640	ug/l	98
49) 1,4-Dioxane	9.48	88	20063	915.173	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	448703	250.550	ug/l	100
52) Toluene	10.39	92	345496	51.933	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	186110	51.654	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	213049	52.382	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	97913	48.062	ug/l	97
56) Ethyl methacrylate	10.65	69	130324	52.422	ug/l	97
57) 1,3-Dichloropropane	10.94	76	177271	49.924	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	323215	247.087	ug/l	99
59) 2-Hexanone	10.98	43	318481	258.977	ug/l	99
60) Dibromochloromethane	11.13	129	116898	49.156	ug/l	99
61) 1,2-Dibromoethane	11.24	107	92299	47.376	ug/l	99
64) Tetrachloroethene	10.87	164	117193	48.930	ug/l	99
65) Chlorobenzene	11.66	112	363482	50.922	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	129093	51.754	ug/l	98
67) Ethyl Benzene	11.74	91	660753	54.136	ug/l	98
68) m/p-Xylenes	11.84	106	503137	107.649	ug/l	99
69) o-Xylene	12.17	106	234923	54.472	ug/l	100
70) Styrene	12.18	104	400523	54.613	ug/l	100
71) Bromoform	12.35	173	68829	50.000	ug/l #	99
73) Isopropylbenzene	12.47	105	662978	57.863	ug/l	100
74) N-amyl acetate	12.28	43	163089	52.513	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	117859	50.742	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	96939m	58.349	ug/l	
77) Bromobenzene	12.76	156	149721	52.636	ug/l	99
78) n-propylbenzene	12.81	91	828541	57.606	ug/l	100
79) 2-Chlorotoluene	12.90	91	458115	55.441	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	563127	57.025	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	38596	56.830	ug/l	95
82) 4-Chlorotoluene	12.99	91	486206	54.719	ug/l	99
83) tert-Butylbenzene	13.21	119	478792	58.790	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	573745	55.927	ug/l	99
85) sec-Butylbenzene	13.39	105	708868	58.184	ug/l	100
86) p-Isopropyltoluene	13.51	119	619525	58.195	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	305298	52.975	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	298975	51.590	ug/l	99
89) n-Butylbenzene	13.83	91	608311	58.090	ug/l	100
90) Hexachloroethane	14.10	117	109643	53.467	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	265449	51.175	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	19340	48.102	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	189010	53.833	ug/l	99
94) Hexachlorobutadiene	15.25	225	112718	56.126	ug/l	97
95) Naphthalene	15.38	128	347405	55.363	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	166540	52.975	ug/l	99

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

