

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112218\
 Data File : VW007016.D
 Acq On : 21 Nov 2018 22:38
 Operator : VAY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/26/2018 1:04:51 PM

Quant Time: Nov 22 05:55:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 03:23:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	105031	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	166694	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	160599	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	80031	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	52419	50.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.96%	
35) Dibromofluoromethane	7.88	113	47317	50.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.52%	
50) Toluene-d8	10.32	98	212218	51.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.10%	
62) 4-Bromofluorobenzene	12.62	95	82992	50.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	53206	51.307	ug/l	98
3) Chloromethane	2.21	50	47593	55.071	ug/l	99
4) Vinyl Chloride	2.36	62	45998	54.097	ug/l	99
5) Bromomethane	2.78	94	25636	56.487	ug/l	95
6) Chloroethane	2.92	64	26039	55.554	ug/l	97
7) Trichlorofluoromethane	3.26	101	86906	51.978	ug/l	99
8) Diethyl Ether	3.69	74	29888	55.477	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.07	101	54050	49.864	ug/l	99
10) Methyl Iodide	4.28	142	73059	58.879	ug/l	99
11) Tert butyl alcohol	5.20	59	21483	320.931	ug/l #	87
12) 1,1-Dichloroethene	4.04	96	49796	52.380	ug/l	99
13) Acrolein	3.90	56	18238	265.301	ug/l	99
14) Allyl chloride	4.68	41	85679	54.336	ug/l	100
15) Acrylonitrile	5.37	53	62805	310.167	ug/l	100
16) Acetone	4.14	43	45338	303.683	ug/l	99
17) Carbon Disulfide	4.39	76	170238	55.388	ug/l	97
18) Methyl Acetate	4.68	43	30064	56.548	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	148343	59.760	ug/l	98
20) Methylene Chloride	4.92	84	66435	56.546	ug/l	97
21) trans-1,2-Dichloroethene	5.43	96	58617	52.930	ug/l	96
22) Diisopropyl ether	6.32	45	177009	57.675	ug/l	98
23) Vinyl Acetate	6.26	43	494642	303.496	ug/l	100
24) 1,1-Dichloroethane	6.22	63	100673	53.920	ug/l	98
25) 2-Butanone	7.18	43	78030	305.163	ug/l	100
26) 2,2-Dichloropropane	7.17	77	85829	51.120	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	65619	55.641	ug/l	99
28) Bromochloromethane	7.51	49	37119	53.193	ug/l	96
29) Tetrahydrofuran	7.54	42	50340	303.979	ug/l	98
30) Chloroform	7.68	83	106392	53.637	ug/l	100
31) Cyclohexane	7.96	56	97781	49.375	ug/l	100
32) 1,1,1-Trichloroethane	7.88	97	95174	53.270	ug/l	99
36) 1,1-Dichloropropene	8.09	75	87149	53.500	ug/l	99
37) Ethyl Acetate	7.26	43	35545	60.216	ug/l	98
38) Carbon Tetrachloride	8.07	117	82265	52.738	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	107266	52.620	ug/l	97
40) Benzene	8.32	78	247223	56.224	ug/l	98
41) Methacrylonitrile	7.49	41	21417	58.423	ug/l	98
42) 1,2-Dichloroethane	8.40	62	70317	55.081	ug/l	99
43) Isopropyl Acetate	8.43	43	69133	61.458	ug/l	97
44) Trichloroethene	9.09	130	69004	55.982	ug/l	95
45) 1,2-Dichloropropane	9.37	63	61212	56.473	ug/l	99
46) Dibromomethane	9.46	93	31360	57.774	ug/l	98
47) Bromodichloromethane	9.65	83	80358	56.189	ug/l	98
48) Methyl methacrylate	9.44	41	33862	62.430	ug/l	100
49) 1,4-Dioxane	9.46	88	10278	1273.956	ug/l #	96
51) 4-Methyl-2-Pentanone	10.21	43	176800	311.011	ug/l	100
52) Toluene	10.39	92	171006	57.146	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	81665	58.947	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	96199	57.475	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	45589	57.085	ug/l	98
56) Ethyl methacrylate	10.65	69	58895	63.532	ug/l	99
57) 1,3-Dichloropropane	10.93	76	78807	58.885	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	121639	251.107	ug/l	99
59) 2-Hexanone	10.97	43	124473	319.750	ug/l	100
60) Dibromochloromethane	11.13	129	54673	60.081	ug/l	98
61) 1,2-Dibromoethane	11.24	107	44369	60.733	ug/l	100
64) Tetrachloroethene	10.87	164	58591	56.710	ug/l	97
65) Chlorobenzene	11.66	112	189508	56.537	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	58105	57.303	ug/l	99
67) Ethyl Benzene	11.73	91	341614	55.477	ug/l	98
68) m/p-Xylenes	11.84	106	266715	110.402	ug/l	99
69) o-Xylene	12.17	106	126986	55.745	ug/l	100
70) Styrene	12.18	104	207619	57.265	ug/l	99
71) Bromoform	12.35	173	29337	61.417	ug/l #	99
73) Isopropylbenzene	12.47	105	342797	55.113	ug/l	100
74) N-amyl acetate	12.27	43	66193	63.498	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	49930	60.319	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	38442m	61.128	ug/l	
77) Bromobenzene	12.75	156	76840	57.518	ug/l	99
78) n-propylbenzene	12.81	91	409662	54.374	ug/l	100
79) 2-Chlorotoluene	12.90	91	240458	55.352	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	295918	55.017	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	14968	59.755	ug/l	98
82) 4-Chlorotoluene	12.99	91	251065	55.073	ug/l	100
83) tert-Butylbenzene	13.21	119	254148	54.576	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	298618	55.725	ug/l	98
85) sec-Butylbenzene	13.39	105	356291	54.158	ug/l	99
86) p-Isopropyltoluene	13.51	119	316272	54.494	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	152483	55.909	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	153164	56.326	ug/l	99
89) n-Butylbenzene	13.83	91	299359	54.810	ug/l	100
90) Hexachloroethane	14.10	117	47777	56.385	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	136308	57.038	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8842	63.246	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	88189	55.963	ug/l	99
94) Hexachlorobutadiene	15.24	225	46716	54.532	ug/l	98
95) Naphthalene	15.38	128	171141	59.829	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	75931	58.079	ug/l	99

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

