

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121718\
 Data File : VW007522.D
 Acq On : 14 Dec 2018 08:53
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 12/17/2018 1:43:59 PM

Quant Time: Dec 14 10:42:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	73604	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	123782	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	114296	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	56715	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	44988	55.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.18%	
35) Dibromofluoromethane	7.88	113	41626	55.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.10%	
50) Toluene-d8	10.32	98	151058	53.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.54%	
62) 4-Bromofluorobenzene	12.62	95	58904	57.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	22942	44.604	ug/l	96
3) Chloromethane	2.22	50	19512	45.295	ug/l	96
4) Vinyl Chloride	2.37	62	23619	46.722	ug/l	96
5) Bromomethane	2.78	94	16664	49.062	ug/l	98
6) Chloroethane	2.92	64	13906	49.973	ug/l	96
7) Trichlorofluoromethane	3.26	101	21248	46.752	ug/l	94
8) Diethyl Ether	3.68	74	18691	52.544	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	37609	50.151	ug/l	99
10) Methyl Iodide	4.26	142	63193	50.879	ug/l	97
11) Tert butyl alcohol	5.17	59	14563	259.676	ug/l	97
12) 1,1-Dichloroethene	4.03	96	36587	50.672	ug/l	95
13) Acrolein	3.89	56	10581	285.134	ug/l	96
14) Allyl chloride	4.67	41	52944	49.746	ug/l	99
15) Acrylonitrile	5.36	53	42660	284.484	ug/l	99
16) Acetone	4.12	43	35391	248.128	ug/l	96
17) Carbon Disulfide	4.37	76	106809	48.788	ug/l	98
18) Methyl Acetate	4.67	43	21788	56.283	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	59650	54.763	ug/l	99
20) Methylene Chloride	4.91	84	41094	52.914	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	41638	51.551	ug/l	97
22) Diisopropyl ether	6.31	45	105113	51.382	ug/l	96
23) Vinyl Acetate	6.25	43	306489	267.853	ug/l	100
24) 1,1-Dichloroethane	6.21	63	70537	51.017	ug/l	97
25) 2-Butanone	7.17	43	51740	277.864	ug/l	98
26) 2,2-Dichloropropane	7.16	77	40971	44.775	ug/l	100
27) cis-1,2-Dichloroethene	7.16	96	46495	52.572	ug/l	99
28) Bromochloromethane	7.51	49	26458	50.874	ug/l	99
29) Tetrahydrofuran	7.52	42	33551	284.618	ug/l	98
30) Chloroform	7.68	83	79138	52.596	ug/l	99
31) Cyclohexane	7.95	56	58108	45.807	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	66216	50.184	ug/l	98
36) 1,1-Dichloropropene	8.08	75	56860	50.355	ug/l	100
37) Ethyl Acetate	7.25	43	23588	56.164	ug/l	98
38) Carbon Tetrachloride	8.07	117	63183	51.425	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	67753	49.552	ug/l	91
40) Benzene	8.32	78	161206	51.443	ug/l	98
41) Methacrylonitrile	7.48	41	13854	57.927	ug/l	95
42) 1,2-Dichloroethane	8.40	62	53480	54.329	ug/l	100
43) Isopropyl Acetate	8.43	43	46102	55.572	ug/l	100
44) Trichloroethene	9.09	130	46441	51.898	ug/l	100
45) 1,2-Dichloropropane	9.37	63	37818	52.151	ug/l	99
46) Dibromomethane	9.46	93	22388	54.364	ug/l	98
47) Bromodichloromethane	9.64	83	57842	53.548	ug/l	97
48) Methyl methacrylate	9.44	41	23280	54.640	ug/l	96
49) 1,4-Dioxane	9.45	88	8192	1225.989	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	114186	291.303	ug/l	100
52) Toluene	10.39	92	106107	52.322	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	56424	53.805	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	61677	50.876	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	32134	57.333	ug/l	95
56) Ethyl methacrylate	10.65	69	40023	59.410	ug/l	99
57) 1,3-Dichloropropane	10.93	76	52702	57.288	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	93408	300.673	ug/l	100
59) 2-Hexanone	10.97	43	81641	312.352	ug/l	99
60) Dibromochloromethane	11.13	129	40560	57.343	ug/l	99
61) 1,2-Dibromoethane	11.24	107	32615	58.884	ug/l	95
64) Tetrachloroethene	10.87	164	43247	52.616	ug/l	96
65) Chlorobenzene	11.66	112	122639	51.479	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.73	131	43718	52.105	ug/l	99
67) Ethyl Benzene	11.73	91	210365	51.361	ug/l	93
68) m/p-Xylenes	11.84	106	164538	103.335	ug/l	99
69) o-Xylene	12.17	106	78545	52.818	ug/l	98
70) Styrene	12.18	104	131758	54.855	ug/l	97
71) Bromoform	12.35	173	23097	53.782	ug/l #	98
73) Isopropylbenzene	12.47	105	217364	50.018	ug/l	98
74) N-amyl acetate	12.27	43	44124	55.868	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	35307	54.854	ug/l	93
76) 1,2,3-Trichloropropane	12.77	75	28018m	59.915	ug/l	
77) Bromobenzene	12.75	156	49883	51.785	ug/l	95
78) n-propylbenzene	12.80	91	251076	51.337	ug/l	99
79) 2-Chlorotoluene	12.90	91	149184	50.413	ug/l	95
80) 1,3,5-Trimethylbenzene	12.94	105	189345	51.854	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	10588	50.016	ug/l	96
82) 4-Chlorotoluene	12.99	91	157748	50.570	ug/l	98
83) tert-Butylbenzene	13.21	119	165137	51.325	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	193048	51.376	ug/l	98
85) sec-Butylbenzene	13.39	105	224836	51.189	ug/l	95
86) p-Isopropyltoluene	13.51	119	202422	51.300	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	98874	51.481	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	99159	51.356	ug/l	97
89) n-Butylbenzene	13.83	91	183618	50.197	ug/l	99
90) Hexachloroethane	14.10	117	35372	50.381	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	87544	50.892	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7124	55.153	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	60235	50.882	ug/l	95
94) Hexachlorobutadiene	15.24	225	29962	47.701	ug/l	99
95) Naphthalene	15.37	128	126210	55.730	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	53556	52.079	ug/l	97

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

