

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\WV122018\
 Data File : VW007675.D
 Acq On : 19 Dec 2018 00:14
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 4.77G/5ML/MSVOA_W/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 12/19/2018 12:15:39 PM

Quant Time: Dec 19 05:54:16 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	63225	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	102302	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	93746	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	48541	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	37116	52.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.82%	
35) Dibromofluoromethane	7.88	113	32899	53.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.26%	
50) Toluene-d8	10.32	98	120254	51.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.58%	
62) 4-Bromofluorobenzene	12.62	95	47095	55.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	20873	47.243	ug/l	95
3) Chloromethane	2.21	50	14934	40.359	ug/l	97
4) Vinyl Chloride	2.37	62	19516	44.943	ug/l	95
5) Bromomethane	2.78	94	14134	48.444	ug/l	91
6) Chloroethane	2.93	64	11393	47.663	ug/l	98
7) Trichlorofluoromethane	3.26	101	20523	52.569	ug/l	96
8) Diethyl Ether	3.68	74	16942	55.446	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	31895	49.513	ug/l	98
10) Methyl Iodide	4.26	142	53600	50.240	ug/l	96
11) Tert butyl alcohol	5.17	59	13501	280.258	ug/l #	94
12) 1,1-Dichloroethene	4.04	96	30894	49.811	ug/l	95
13) Acrolein	3.89	56	8221	257.905	ug/l	99
14) Allyl chloride	4.66	41	42407	46.386	ug/l	95
15) Acrylonitrile	5.36	53	35109	272.564	ug/l	99
16) Acetone	4.12	43	34601	282.413	ug/l	99
17) Carbon Disulfide	4.37	76	85679	45.561	ug/l	100
18) Methyl Acetate	4.67	43	17495	52.612	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	52261	55.856	ug/l	99
20) Methylene Chloride	4.90	84	34470	51.571	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	34671	49.972	ug/l	96
22) Diisopropyl ether	6.31	45	86897	49.451	ug/l	92
23) Vinyl Acetate	6.26	43	265046	269.660	ug/l	95
24) 1,1-Dichloroethane	6.21	63	59742	50.302	ug/l	99
25) 2-Butanone	7.17	43	45548	284.766	ug/l	97
26) 2,2-Dichloropropane	7.17	77	41020	52.187	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	39024	51.368	ug/l	99
28) Bromochloromethane	7.51	49	22677	50.762	ug/l	94
29) Tetrahydrofuran	7.53	42	27966	276.184	ug/l	96
30) Chloroform	7.67	83	68735	53.182	ug/l	98
31) Cyclohexane	7.95	56	46648	42.810	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	61442	54.210	ug/l	99
36) 1,1-Dichloropropene	8.08	75	49206	52.726	ug/l	99
37) Ethyl Acetate	7.25	43	19875	57.260	ug/l	99
38) Carbon Tetrachloride	8.07	117	58433	57.545	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	58488	51.757	ug/l	91
40) Benzene	8.32	78	138375	53.429	ug/l	100
41) Methacrylonitrile	7.48	41	11736	59.375	ug/l	93
42) 1,2-Dichloroethane	8.40	62	48981	60.206	ug/l	98
43) Isopropyl Acetate	8.43	43	41025	59.835	ug/l	99
44) Trichloroethene	9.09	130	40532	54.805	ug/l	100
45) 1,2-Dichloropropane	9.37	63	32273	53.848	ug/l	97
46) Dibromomethane	9.46	93	20262	59.533	ug/l	98
47) Bromodichloromethane	9.65	83	51667	57.874	ug/l	96
48) Methyl methacrylate	9.44	41	19749	56.085	ug/l	90
49) 1,4-Dioxane	9.45	88	6425	1163.438	ug/l #	94
51) 4-Methyl-2-Pentanone	10.21	43	100703	310.848	ug/l	99
52) Toluene	10.39	92	93099	55.547	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	51242	59.123	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	56130	56.022	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	28731	62.025	ug/l	97
56) Ethyl methacrylate	10.65	69	34683	62.293	ug/l	98
57) 1,3-Dichloropropane	10.93	76	47296	62.207	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.93	63	89594	348.949	ug/l	98
59) 2-Hexanone	10.97	43	72354	334.944	ug/l	99
60) Dibromochloromethane	11.13	129	37070	63.413	ug/l	96
61) 1,2-Dibromoethane	11.24	107	28373	61.981	ug/l	95
64) Tetrachloroethene	10.87	164	35910	53.267	ug/l	94
65) Chlorobenzene	11.66	112	107503	55.018	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.73	131	39244	57.025	ug/l	99
67) Ethyl Benzene	11.73	91	183986	54.767	ug/l	92
68) m/p-Xylenes	11.84	106	143344	109.759	ug/l	99
69) o-Xylene	12.17	106	67615	55.435	ug/l	96
70) Styrene	12.18	104	114893	58.319	ug/l	98
71) Bromoform	12.35	173	21555	61.194	ug/l #	96
73) Isopropylbenzene	12.47	105	193002	51.891	ug/l	98
74) N-amyl acetate	12.27	43	36975	54.699	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	31779	57.687	ug/l	95
76) 1,2,3-Trichloropropane	12.77	75	20153m	50.353	ug/l	
77) Bromobenzene	12.75	156	43824	53.156	ug/l	95
78) n-propylbenzene	12.81	91	222681	53.199	ug/l	100
79) 2-Chlorotoluene	12.90	91	129189	51.007	ug/l	95
80) 1,3,5-Trimethylbenzene	12.95	105	165572	52.979	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	9795	54.061	ug/l	98
82) 4-Chlorotoluene	12.99	91	138726	51.961	ug/l	97
83) tert-Butylbenzene	13.21	119	144418	52.444	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	168436	52.374	ug/l	97
85) sec-Butylbenzene	13.39	105	198930	52.918	ug/l	95
86) p-Isopropyltoluene	13.51	119	181127	53.633	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	86880	52.854	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	86481	52.332	ug/l	97
89) n-Butylbenzene	13.83	91	163129	52.105	ug/l	99
90) Hexachloroethane	14.10	117	31921	53.122	ug/l	96
91) 1,2-Dichlorobenzene	13.87	146	79755	54.172	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6625	59.927	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	55260	54.540	ug/l	94
94) Hexachlorobutadiene	15.24	225	27838	51.783	ug/l	99
95) Naphthalene	15.38	128	112544	58.064	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	48540	55.150	ug/l	99

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

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