

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV101018\
 Data File : VW005948.D
 Acq On : 09 Oct 2018 19:46
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 10/10/2018 11:34:45 AM

Quant Time: Oct 10 01:13:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 09 02:14:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	237549	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	345078	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	315623	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	180534	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	112643	48.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.70%	
35) Dibromofluoromethane	7.88	113	113338	51.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.88%	
50) Toluene-d8	10.33	98	430950	50.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.68%	
62) 4-Bromofluorobenzene	12.62	95	162149	50.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	55860	47.986	ug/l	98
3) Chloromethane	2.21	50	71463	52.190	ug/l	99
4) Vinyl Chloride	2.37	62	120819	55.579	ug/l	97
5) Bromomethane	2.78	94	100048	58.315	ug/l	99
6) Chloroethane	2.93	64	79740	57.574	ug/l	99
7) Trichlorofluoromethane	3.26	101	98639	57.163	ug/l	96
8) Diethyl Ether	3.68	74	58041	54.654	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	113132	51.952	ug/l	100
10) Methyl Iodide	4.26	142	186690	52.421	ug/l	99
11) Tert butyl alcohol	5.17	59	45184	267.349	ug/l	96
12) 1,1-Dichloroethene	4.03	96	107532	51.422	ug/l	97
13) Acrolein	3.89	56	42424	281.683	ug/l	97
14) Allyl chloride	4.66	41	160979	45.142	ug/l	97
15) Acrylonitrile	5.37	53	127069	274.940	ug/l	100
16) Acetone	4.12	43	118109	256.413	ug/l	98
17) Carbon Disulfide	4.38	76	315493	49.903	ug/l	100
18) Methyl Acetate	4.67	43	64573	55.552	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	170312	52.350	ug/l	99
20) Methylene Chloride	4.91	84	112947	48.942	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	120728	52.969	ug/l	98
22) Diisopropyl ether	6.31	45	322238	48.338	ug/l	98
23) Vinyl Acetate	6.26	43	1019936	248.578	ug/l	98
24) 1,1-Dichloroethane	6.21	63	203182	49.805	ug/l	99
25) 2-Butanone	7.17	43	173720	265.160	ug/l	96
26) 2,2-Dichloropropane	7.17	77	132102	46.011	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	135129	52.425	ug/l	95
28) Bromochloromethane	7.51	49	69059	45.860	ug/l	93
29) Tetrahydrofuran	7.53	42	110973	267.953	ug/l	95
30) Chloroform	7.68	83	217612	51.932	ug/l	96
31) Cyclohexane	7.95	56	186483	46.191	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	187082	50.133	ug/l	100
36) 1,1-Dichloropropene	8.09	75	171528	51.876	ug/l	99
37) Ethyl Acetate	7.26	43	75737	54.089	ug/l	99
38) Carbon Tetrachloride	8.07	117	185890	52.327	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	225839	51.784	ug/l	97
40) Benzene	8.32	78	474030	52.380	ug/l	99
41) Methacrylonitrile	7.49	41	47245	53.894	ug/l	98
42) 1,2-Dichloroethane	8.40	62	143032	52.315	ug/l	99
43) Isopropyl Acetate	8.43	43	152169	52.024	ug/l	98
44) Trichloroethene	9.09	130	143493	54.649	ug/l	97
45) 1,2-Dichloropropane	9.37	63	115904	51.166	ug/l	96
46) Dibromomethane	9.46	93	68498	55.018	ug/l	99
47) Bromodichloromethane	9.65	83	162108	51.743	ug/l	98
48) Methyl methacrylate	9.44	41	72189	51.809	ug/l	96
49) 1,4-Dioxane	9.45	88	23400	1237.367	ug/l #	92
51) 4-Methyl-2-Pentanone	10.21	43	389091	273.174	ug/l	98
52) Toluene	10.39	92	315041	52.990	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	165633	50.590	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	186678	50.722	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	95702	55.498	ug/l	97
56) Ethyl methacrylate	10.65	69	126273	54.330	ug/l	97
57) 1,3-Dichloropropane	10.93	76	156890	54.081	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	227094	240.134	ug/l	98
59) 2-Hexanone	10.97	43	277898	272.109	ug/l	97
60) Dibromochloromethane	11.13	129	121280	54.501	ug/l	100
61) 1,2-Dibromoethane	11.24	107	96547	56.029	ug/l	99
64) Tetrachloroethene	10.87	164	129292	54.993	ug/l	98
65) Chlorobenzene	11.66	112	362003	53.545	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	133069	53.699	ug/l	99
67) Ethyl Benzene	11.73	91	630664	52.813	ug/l	100
68) m/p-Xylenes	11.84	106	498782	106.881	ug/l	99
69) o-Xylene	12.17	106	237200	53.092	ug/l	100
70) Styrene	12.18	104	398792	53.799	ug/l	98
71) Bromoform	12.35	173	81277	55.062	ug/l #	100
73) Isopropylbenzene	12.47	105	671379	50.921	ug/l	100
74) N-amyl acetate	12.27	43	155895	49.786	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	115702	53.540	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	71457m	44.310	ug/l	
77) Bromobenzene	12.75	156	166603	53.335	ug/l	95
78) n-propylbenzene	12.81	91	781545	50.391	ug/l	99
79) 2-Chlorotoluene	12.90	91	440317	50.292	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	567105	50.947	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	36263	47.471	ug/l	99
82) 4-Chlorotoluene	12.99	91	469812	51.002	ug/l	98
83) tert-Butylbenzene	13.21	119	512205	51.736	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	580174	51.671	ug/l	100
85) sec-Butylbenzene	13.39	105	722423	51.984	ug/l	100
86) p-Isopropyltoluene	13.51	119	655036	52.414	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	329984	53.173	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	331065	53.685	ug/l	99
89) n-Butylbenzene	13.83	91	609198	51.713	ug/l	99
90) Hexachloroethane	14.10	117	116571	49.595	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	298141	54.112	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	21771	54.058	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	227652	53.288	ug/l	99
94) Hexachlorobutadiene	15.24	225	139737	52.404	ug/l	100
95) Naphthalene	15.38	128	412661	56.040	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	198854	53.758	ug/l	99

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

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