

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV103118\
 Data File : VW006467.D
 Acq On : 29 Oct 2018 21:59
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 10/30/2018 2:16:15 PM

Quant Time: Oct 30 07:06:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	209098	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	293324	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	275932	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	157643	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	88812	51.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.46%	
35) Dibromofluoromethane	7.89	113	94326	54.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.84%	
50) Toluene-d8	10.33	98	350103	53.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.18%	
62) 4-Bromofluorobenzene	12.62	95	135577	54.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	56982	55.069	ug/l	98
3) Chloromethane	2.22	50	72481	54.417	ug/l	98
4) Vinyl Chloride	2.37	62	106043	55.749	ug/l	99
5) Bromomethane	2.79	94	96419	55.731	ug/l	99
6) Chloroethane	2.93	64	81907	60.087	ug/l	98
7) Trichlorofluoromethane	3.26	101	110713	62.480	ug/l	98
8) Diethyl Ether	3.68	74	49888	52.974	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	106951	57.593	ug/l	99
10) Methyl Iodide	4.26	142	182216	58.954	ug/l	99
11) Tert butyl alcohol	5.23	59	29428	252.410	ug/l #	87
12) 1,1-Dichloroethene	4.04	96	99280	56.826	ug/l	95
13) Acrolein	3.90	56	25946	229.988	ug/l	96
14) Allyl chloride	4.67	41	134044	53.659	ug/l	98
15) Acrylonitrile	5.38	53	98274	290.943	ug/l	98
16) Acetone	4.14	43	96028m	298.118	ug/l	
17) Carbon Disulfide	4.38	76	283354	53.739	ug/l	99
18) Methyl Acetate	4.68	43	48618	55.730	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	152806	57.425	ug/l	99
20) Methylene Chloride	4.91	84	110144m	60.386	ug/l	
21) trans-1,2-Dichloroethene	5.42	96	114607	58.770	ug/l	98
22) Diisopropyl ether	6.32	45	282062	57.138	ug/l	98
23) Vinyl Acetate	6.26	43	797058	273.592	ug/l	99
24) 1,1-Dichloroethane	6.22	63	189484	59.486	ug/l	99
25) 2-Butanone	7.18	43	132171	282.228	ug/l	98
26) 2,2-Dichloropropane	7.17	77	124699	55.505	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	127863	59.416	ug/l	98
28) Bromochloromethane	7.51	49	71743	58.340	ug/l	92
29) Tetrahydrofuran	7.54	42	78498	272.694	ug/l	97
30) Chloroform	7.68	83	207560	59.808	ug/l	99
31) Cyclohexane	7.96	56	161092	50.783	ug/l	95
32) 1,1,1-Trichloroethane	7.88	97	181245	57.896	ug/l	99
36) 1,1-Dichloropropene	8.09	75	157185	58.139	ug/l	99
37) Ethyl Acetate	7.26	43	56974	56.719	ug/l	100
38) Carbon Tetrachloride	8.07	117	171117	57.735	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	204030	56.772	ug/l	98
40) Benzene	8.33	78	451055	60.820	ug/l	99
41) Methacrylonitrile	7.49	41	35571	58.741	ug/l	97
42) 1,2-Dichloroethane	8.40	62	129618	59.488	ug/l	98
43) Isopropyl Acetate	8.43	43	110461	53.783	ug/l	98
44) Trichloroethene	9.10	130	138200	60.739	ug/l	99
45) 1,2-Dichloropropane	9.37	63	107199	60.405	ug/l	97
46) Dibromomethane	9.46	93	61671	60.972	ug/l	98
47) Bromodichloromethane	9.65	83	147568	60.176	ug/l	99
48) Methyl methacrylate	9.44	41	54742	56.229	ug/l	94
49) 1,4-Dioxane	9.48	88	19118	1227.776	ug/l #	100
51) 4-Methyl-2-Pentanone	10.21	43	289691	281.512	ug/l	98
52) Toluene	10.39	92	302265	60.793	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	144138	58.994	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	167995	59.911	ug/l	94
55) 1,1,2-Trichloroethane	10.79	97	88489	62.517	ug/l	98
56) Ethyl methacrylate	10.65	69	99613	57.406	ug/l	95
57) 1,3-Dichloropropane	10.93	76	143608	61.289	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	187952	283.468	ug/l	98
59) 2-Hexanone	10.98	43	205812	280.178	ug/l	97
60) Dibromochloromethane	11.13	129	109351	62.023	ug/l	99
61) 1,2-Dibromoethane	11.24	107	87085	61.575	ug/l	99
64) Tetrachloroethene	10.87	164	130650	60.992	ug/l	96
65) Chlorobenzene	11.66	112	356935	60.427	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	126983	60.491	ug/l	99
67) Ethyl Benzene	11.74	91	607096	59.305	ug/l	99
68) m/p-Xylenes	11.84	106	484364	119.710	ug/l	97
69) o-Xylene	12.17	106	228325	59.212	ug/l	99
70) Styrene	12.19	104	377861	60.260	ug/l	99
71) Bromoform	12.35	173	68650	58.632	ug/l #	100
73) Isopropylbenzene	12.47	105	640438	57.505	ug/l	99
74) N-amyl acetate	12.28	43	110983	51.307	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.72	83	101915	60.166	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	76992m	63.942	ug/l	
77) Bromobenzene	12.75	156	161990	59.385	ug/l	97
78) n-propylbenzene	12.81	91	751318	57.986	ug/l	99
79) 2-Chlorotoluene	12.90	91	422853	58.084	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	545819	58.135	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	28171	55.926	ug/l	98
82) 4-Chlorotoluene	12.99	91	449231	58.908	ug/l	99
83) tert-Butylbenzene	13.21	119	485665	57.817	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	554769	58.393	ug/l	100
85) sec-Butylbenzene	13.39	105	691559	58.275	ug/l	100
86) p-Isopropyltoluene	13.51	119	620918	57.847	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	323610	59.610	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	318350	58.896	ug/l	99
89) n-Butylbenzene	13.83	91	563054	57.358	ug/l	99
90) Hexachloroethane	14.10	117	102652	56.460	ug/l	95
91) 1,2-Dichlorobenzene	13.88	146	287561	59.383	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	15805	52.114	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	208189	55.874	ug/l	100
94) Hexachlorobutadiene	15.24	225	132174	56.469	ug/l	100
95) Naphthalene	15.38	128	338939	54.683	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	178752	55.465	ug/l	99

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

