

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV101618\
 Data File : VW006092.D
 Acq On : 16 Oct 2018 21:28
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 6.97G/5ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 10/17/2018 10:04:53 AM

Quant Time: Oct 17 01:45:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 16 05:36:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	279782	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	407950	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	379961	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	213992	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	116060	50.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.08%	
35) Dibromofluoromethane	7.89	113	119961	49.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.52%	
50) Toluene-d8	10.33	98	457156	49.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.70%	
62) 4-Bromofluorobenzene	12.62	95	173059	50.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	65524	47.326	ug/l	100
3) Chloromethane	2.21	50	85793	48.139	ug/l	97
4) Vinyl Chloride	2.37	62	130038	51.093	ug/l	98
5) Bromomethane	2.79	94	123286	53.257	ug/l	100
6) Chloroethane	2.93	64	90382	49.553	ug/l	97
7) Trichlorofluoromethane	3.26	101	122076	51.487	ug/l	98
8) Diethyl Ether	3.68	74	63808	50.638	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.07	101	123024	49.512	ug/l	99
10) Methyl Iodide	4.27	142	217564	52.607	ug/l	99
11) Tert butyl alcohol	5.20	59	38663	247.840	ug/l	99
12) 1,1-Dichloroethene	4.04	96	117803	50.393	ug/l	95
13) Acrolein	3.90	56	35027	232.043	ug/l	98
14) Allyl chloride	4.67	41	171108	51.192	ug/l	100
15) Acrylonitrile	5.38	53	116790	258.407	ug/l	99
16) Acetone	4.13	43	104538	239.613	ug/l	96
17) Carbon Disulfide	4.38	76	359092	50.897	ug/l	99
18) Methyl Acetate	4.68	43	58123	49.793	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	185430	52.080	ug/l	98
20) Methylene Chloride	4.92	84	126455	51.574	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	135232	51.827	ug/l	99
22) Diisopropyl ether	6.32	45	350345	53.040	ug/l	99
23) Vinyl Acetate	6.26	43	1014069	260.143	ug/l	100
24) 1,1-Dichloroethane	6.22	63	225412	52.887	ug/l	99
25) 2-Butanone	7.18	43	151566	241.878	ug/l	98
26) 2,2-Dichloropropane	7.17	77	147555	49.086	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	152660	53.017	ug/l	99
28) Bromochloromethane	7.52	49	90052	54.728	ug/l	98
29) Tetrahydrofuran	7.54	42	98153	254.830	ug/l	99
30) Chloroform	7.68	83	244756	52.708	ug/l	100
31) Cyclohexane	7.96	56	200202	47.168	ug/l	99
32) 1,1,1-Trichloroethane	7.88	97	216473	51.679	ug/l	99
36) 1,1-Dichloropropene	8.09	75	190177	50.577	ug/l	100
37) Ethyl Acetate	7.26	43	69825	49.981	ug/l	99
38) Carbon Tetrachloride	8.07	117	207092	50.240	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	248562	49.730	ug/l	99
40) Benzene	8.33	78	536264	51.992	ug/l	98
41) Methacrylonitrile	7.49	41	39799	47.256	ug/l	94
42) 1,2-Dichloroethane	8.40	62	157787	52.069	ug/l	100
43) Isopropyl Acetate	8.43	43	144982	50.756	ug/l	99
44) Trichloroethene	9.10	130	162373	51.312	ug/l	99
45) 1,2-Dichloropropane	9.37	63	125914	51.015	ug/l	99
46) Dibromomethane	9.46	93	73252	52.072	ug/l	99
47) Bromodichloromethane	9.65	83	179189	52.539	ug/l	99
48) Methyl methacrylate	9.44	41	69183	51.095	ug/l	98
49) 1,4-Dioxane	9.46	88	22878	1056.417	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	360632	251.980	ug/l	100
52) Toluene	10.39	92	358299	51.815	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	176792	52.028	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	202910	52.030	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	102798	52.219	ug/l	98
56) Ethyl methacrylate	10.65	69	125477	51.993	ug/l	98
57) 1,3-Dichloropropane	10.94	76	169059	51.878	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	221792	240.516	ug/l	99
59) 2-Hexanone	10.98	43	249271	243.992	ug/l	99
60) Dibromochloromethane	11.13	129	129868	52.963	ug/l	100
61) 1,2-Dibromoethane	11.24	107	103403	52.570	ug/l	99
64) Tetrachloroethene	10.87	164	149595	50.716	ug/l	99
65) Chlorobenzene	11.66	112	415852	51.126	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	150166	51.950	ug/l	99
67) Ethyl Benzene	11.74	91	719805	51.064	ug/l	98
68) m/p-Xylenes	11.85	106	569639	102.240	ug/l	100
69) o-Xylene	12.17	106	274444	51.686	ug/l	99
70) Styrene	12.19	104	448650	51.960	ug/l	100
71) Bromoform	12.35	173	83652	51.884	ug/l #	100
73) Isopropylbenzene	12.47	105	763059	50.474	ug/l	99
74) N-amyl acetate	12.28	43	146251	49.808	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	117732	51.202	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	80057m	48.980	ug/l	
77) Bromobenzene	12.75	156	190280	51.387	ug/l	100
78) n-propylbenzene	12.81	91	889168	50.554	ug/l	100
79) 2-Chlorotoluene	12.90	91	507970	51.402	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	650894	51.072	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	33148	48.478	ug/l	94
82) 4-Chlorotoluene	12.99	91	529197	51.121	ug/l	100
83) tert-Butylbenzene	13.21	119	580204	50.883	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	663892	51.479	ug/l	100
85) sec-Butylbenzene	13.39	105	817882	50.772	ug/l	100
86) p-Isopropyltoluene	13.51	119	738128	50.659	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	376604	51.104	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	373538	50.909	ug/l	100
89) n-Butylbenzene	13.83	91	667045	50.058	ug/l	99
90) Hexachloroethane	14.10	117	127277	51.570	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	336162	51.140	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	19815	48.132	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	245473	48.533	ug/l	99
94) Hexachlorobutadiene	15.24	225	155999	49.098	ug/l	99
95) Naphthalene	15.38	128	416796	49.537	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	217067	49.618	ug/l	99

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

