

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101718\
 Data File : VW006120.D
 Acq On : 17 Oct 2018 12:12
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 10/18/2018 11:04:21 AM

Quant Time: Oct 17 15:09:21 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	334636	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	464133	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	414274	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	229308	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	123107	44.37	ug/l	0.00
Spiked Amount			Recovery	=	88.74%	
35) Dibromofluoromethane	7.88	113	128882	46.99	ug/l	0.00
Spiked Amount			Recovery	=	93.98%	
50) Toluene-d8	10.33	98	502617	48.17	ug/l	0.00
Spiked Amount			Recovery	=	96.34%	
62) 4-Bromofluorobenzene	12.62	95	186541	47.60	ug/l	0.00
Spiked Amount			Recovery	=	95.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	91966	55.536	ug/l	98
3) Chloromethane	2.21	50	99128	46.504	ug/l	99
4) Vinyl Chloride	2.37	62	154572	50.777	ug/l	99
5) Bromomethane	2.78	94	127516	46.055	ug/l	99
6) Chloroethane	2.93	64	102873	47.156	ug/l	98
7) Trichlorofluoromethane	3.26	101	147425	51.986	ug/l	99
8) Diethyl Ether	3.68	74	66995	44.452	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	159503	53.670	ug/l	99
10) Methyl Iodide	4.27	142	264455	53.463	ug/l	99
11) Tert butyl alcohol	5.17	59	45470	243.696	ug/l	97
12) 1,1-Dichloroethene	4.03	96	149841	53.591	ug/l	93
13) Acrolein	3.89	56	46827	259.363	ug/l	100
14) Allyl chloride	4.67	41	210680	52.699	ug/l	100
15) Acrylonitrile	5.37	53	130481	241.376	ug/l	99
16) Acetone	4.12	43	150958	292.556	ug/l	99
17) Carbon Disulfide	4.37	76	440353	52.184	ug/l	100
18) Methyl Acetate	4.67	43	64804	46.416	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	206692	48.536	ug/l	96
20) Methylene Chloride	4.91	84	152354	51.964	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	164490	52.706	ug/l	98
22) Diisopropyl ether	6.31	45	403253	51.043	ug/l	99
23) Vinyl Acetate	6.26	43	1137787	244.035	ug/l	100
24) 1,1-Dichloroethane	6.21	63	268419	52.654	ug/l	98
25) 2-Butanone	7.17	43	183701	245.105	ug/l	99
26) 2,2-Dichloropropane	7.17	77	193464	53.808	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	178543	51.842	ug/l	97
28) Bromochloromethane	7.51	49	96738	49.155	ug/l	98
29) Tetrahydrofuran	7.53	42	108526	235.574	ug/l	99
30) Chloroform	7.68	83	290800	52.358	ug/l	98
31) Cyclohexane	7.95	56	256418	50.510	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	267391	53.371	ug/l	99
36) 1,1-Dichloropropene	8.09	75	238923	55.849	ug/l	99
37) Ethyl Acetate	7.25	43	74899	47.123	ug/l	100
38) Carbon Tetrachloride	8.07	117	260944	55.641	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	319240	56.139	ug/l	98
40) Benzene	8.32	78	635803	54.180	ug/l	100
41) Methacrylonitrile	7.49	41	49916	52.095	ug/l	98
42) 1,2-Dichloroethane	8.40	62	180160	52.255	ug/l	100
43) Isopropyl Acetate	8.43	43	153994	47.385	ug/l	99
44) Trichloroethene	9.09	130	199754	55.483	ug/l	99
45) 1,2-Dichloropropane	9.37	63	148369	52.836	ug/l	99
46) Dibromomethane	9.46	93	82163	51.337	ug/l	98
47) Bromodichloromethane	9.65	83	205628	52.993	ug/l	98
48) Methyl methacrylate	9.44	41	76793	49.850	ug/l	99
49) 1,4-Dioxane	9.45	88	26327	1068.521	ug/l #	97
51) 4-Methyl-2-Pentanone	10.21	43	386646	237.455	ug/l	99
52) Toluene	10.39	92	429922	54.646	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	202366	52.345	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	238030	53.647	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	114578	51.158	ug/l	98
56) Ethyl methacrylate	10.65	69	137695	50.150	ug/l	98
57) 1,3-Dichloropropane	10.93	76	188811	50.926	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	234843	223.841	ug/l	98
59) 2-Hexanone	10.97	43	280452	241.283	ug/l	100
60) Dibromochloromethane	11.13	129	144566	51.821	ug/l	99
61) 1,2-Dibromoethane	11.24	107	113934	50.912	ug/l	100
64) Tetrachloroethene	10.87	164	178340	55.453	ug/l	99
65) Chlorobenzene	11.66	112	485110	54.701	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	173658	55.101	ug/l	100
67) Ethyl Benzene	11.74	91	860943	56.017	ug/l	99
68) m/p-Xylenes	11.84	106	682293	112.317	ug/l	99
69) o-Xylene	12.17	106	325711	56.260	ug/l	98
70) Styrene	12.18	104	522904	55.543	ug/l	100
71) Bromoform	12.35	173	89046	50.655	ug/l #	100
73) Isopropylbenzene	12.47	105	925786	57.148	ug/l	100
74) N-amyl acetate	12.28	43	157124	49.937	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	125627	50.986	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	85667m	48.912	ug/l	
77) Bromobenzene	12.75	156	217926	54.922	ug/l	99
78) n-propylbenzene	12.81	91	1072986	56.931	ug/l	100
79) 2-Chlorotoluene	12.90	91	593426	56.039	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	773006	56.602	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	37201	50.772	ug/l	99
82) 4-Chlorotoluene	12.99	91	626211	56.452	ug/l	100
83) tert-Butylbenzene	13.21	119	698243	57.145	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	778287	56.318	ug/l	100
85) sec-Butylbenzene	13.39	105	987886	57.229	ug/l	100
86) p-Isopropyltoluene	13.51	119	898362	57.538	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	437383	55.388	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	431720	54.908	ug/l	99
89) n-Butylbenzene	13.83	91	819281	57.376	ug/l	99
90) Hexachloroethane	14.10	117	146969	55.572	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	382338	54.279	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	21328	48.347	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	291736	53.827	ug/l	100
94) Hexachlorobutadiene	15.25	225	193985	56.976	ug/l	99
95) Naphthalene	15.38	128	451550	50.083	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	244304	52.114	ug/l	99

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

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