

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082719\
 Data File : VW012198.D
 Acq On : 27 Aug 2019 08:39
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 28 05:08:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	282881	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	448053	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	380993	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	181191	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	155382	46.21	ug/l	0.00
Spiked Amount			Recovery	=	92.42%	
35) Dibromofluoromethane	7.88	113	129933	48.58	ug/l	0.00
Spiked Amount			Recovery	=	97.16%	
50) Toluene-d8	10.32	98	540641	49.86	ug/l	0.00
Spiked Amount			Recovery	=	99.72%	
62) 4-Bromofluorobenzene	12.62	95	188084	49.20	ug/l	0.00
Spiked Amount			Recovery	=	98.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	88902	51.040	ug/l	99
3) Chloromethane	2.21	50	127349	47.192	ug/l	100
4) Vinyl Chloride	2.36	62	167725	50.781	ug/l	99
5) Bromomethane	2.78	94	82586	49.372	ug/l	98
6) Chloroethane	2.92	64	93858	50.373	ug/l	96
7) Trichlorofluoromethane	3.26	101	90398	54.506	ug/l	100
8) Diethyl Ether	3.68	74	75092	47.701	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	141486	50.188	ug/l	99
10) Methyl Iodide	4.27	142	194071	50.880	ug/l	99
11) Tert butyl alcohol	5.19	59	45645	225.553	ug/l	98
12) 1,1-Dichloroethene	4.04	96	142640	50.271	ug/l	97
13) Acrolein	3.90	56	40035	210.163	ug/l	96
14) Allyl chloride	4.67	41	316997	52.258	ug/l	99
15) Acrylonitrile	5.37	53	179303	229.792	ug/l	99
16) Acetone	4.13	43	213565	248.449	ug/l	99
17) Carbon Disulfide	4.38	76	444458	51.830	ug/l	100
18) Methyl Acetate	4.67	43	92427	43.412	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	223214	48.646	ug/l	98
20) Methylene Chloride	4.91	84	147345	45.342	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	151303	49.726	ug/l	97
22) Diisopropyl ether	6.31	45	553498	49.226	ug/l	97
23) Vinyl Acetate	6.25	43	1711733	247.372	ug/l	100
24) 1,1-Dichloroethane	6.21	63	301392	49.230	ug/l	99
25) 2-Butanone	7.17	43	275434	235.799	ug/l	99
26) 2,2-Dichloropropane	7.16	77	180419	52.066	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	161304	49.619	ug/l	99
28) Bromochloromethane	7.51	49	125096	46.882	ug/l	98
29) Tetrahydrofuran	7.52	42	161758	230.818	ug/l	100
30) Chloroform	7.67	83	268998	48.026	ug/l	100
31) Cyclohexane	7.95	56	290777	48.007	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	220862	49.846	ug/l	99
36) 1,1-Dichloropropene	8.08	75	235338	50.828	ug/l	100
37) Ethyl Acetate	7.25	43	116077	45.749	ug/l	100
38) Carbon Tetrachloride	8.07	117	203127	50.687	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	271444	52.185	ug/l	98
40) Benzene	8.32	78	627132	49.604	ug/l	99
41) Methacrylonitrile	7.48	41	71507	47.952	ug/l	98
42) 1,2-Dichloroethane	8.40	62	186720	47.123	ug/l	100
43) Isopropyl Acetate	8.42	43	221132	47.052	ug/l	99
44) Trichloroethene	9.09	130	154910	50.403	ug/l	99
45) 1,2-Dichloropropane	9.37	63	164857	48.451	ug/l	98
46) Dibromomethane	9.46	93	72191	47.685	ug/l	99
47) Bromodichloromethane	9.64	83	195665	48.562	ug/l	98
48) Methyl methacrylate	9.43	41	108748	48.617	ug/l	100
49) 1,4-Dioxane	9.46	88	18924	816.530	ug/l #	76
51) 4-Methyl-2-Pentanone	10.21	43	562597	235.353	ug/l	99
52) Toluene	10.38	92	379248	49.933	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	205242	50.008	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	248997	50.246	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	101596	47.431	ug/l	99
56) Ethyl methacrylate	10.65	69	154702	49.624	ug/l	98
57) 1,3-Dichloropropane	10.93	76	194605	48.077	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	397461	248.421	ug/l	100
59) 2-Hexanone	10.97	43	416193	246.066	ug/l	99
60) Dibromochloromethane	11.13	129	117595	49.290	ug/l	99
61) 1,2-Dibromoethane	11.24	107	97110	48.664	ug/l	99
64) Tetrachloroethene	10.86	164	126391	51.169	ug/l	98
65) Chlorobenzene	11.66	112	373873	49.836	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	131471	50.234	ug/l	100
67) Ethyl Benzene	11.73	91	747715	51.740	ug/l	99
68) m/p-Xylenes	11.83	106	537405	103.236	ug/l	98
69) o-Xylene	12.16	106	247028	51.272	ug/l	100
70) Styrene	12.18	104	427444	51.256	ug/l	100
71) Bromoform	12.35	173	65299	50.078	ug/l #	99
73) Isopropylbenzene	12.46	105	707835	52.135	ug/l	99
74) N-amyl acetate	12.27	43	207611	50.613	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	117124	47.056	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	80585m	45.666	ug/l	
77) Bromobenzene	12.74	156	147273	50.140	ug/l	98
78) n-propylbenzene	12.80	91	864454	52.155	ug/l	99
79) 2-Chlorotoluene	12.89	91	473126	50.278	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	587487	51.785	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	41045	50.997	ug/l	98
82) 4-Chlorotoluene	12.99	91	498617	50.605	ug/l	100
83) tert-Butylbenzene	13.21	119	503306	52.373	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	581675	51.041	ug/l	100
85) sec-Butylbenzene	13.38	105	724387	52.614	ug/l	100
86) p-Isopropyltoluene	13.50	119	650087	52.871	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	289672	50.421	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	283533	49.704	ug/l	100
89) n-Butylbenzene	13.82	91	656544	53.695	ug/l	99
90) Hexachloroethane	14.09	117	113228	52.488	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	250266	49.657	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.48	75	20017	47.703	ug/l	96

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93) 1,2,4-Trichlorobenzene	15.13	180	188002	53.978	ug/l	99
94) Hexachlorobutadiene	15.24	225	122999	53.483	ug/l	97
95) Naphthalene	15.36	128	337666	49.458	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	163459	53.792	ug/l	99

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

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