

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082719\
 Data File : VW012223.D
 Acq On : 27 Aug 2019 21:11
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 28 06:51:59 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	245797	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	401412	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	348388	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	164682	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	162300	55.55	ug/l	0.00
Spiked Amount			Recovery	=	111.10%	
35) Dibromofluoromethane	7.88	113	132853	55.45	ug/l	0.00
Spiked Amount			Recovery	=	110.90%	
50) Toluene-d8	10.32	98	532821	54.84	ug/l	0.00
Spiked Amount			Recovery	=	109.68%	
62) 4-Bromofluorobenzene	12.62	95	187351	54.71	ug/l	0.00
Spiked Amount			Recovery	=	109.42%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	77444	51.170	ug/l	98
3) Chloromethane	2.21	50	124380	53.045	ug/l	97
4) Vinyl Chloride	2.36	62	153510	53.489	ug/l	97
5) Bromomethane	2.77	94	82894	57.032	ug/l	97
6) Chloroethane	2.92	64	90187	55.706	ug/l	98
7) Trichlorofluoromethane	3.26	101	83949	58.254	ug/l	98
8) Diethyl Ether	3.68	74	79881	58.399	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	132297	54.009	ug/l	99
10) Methyl Iodide	4.27	142	188382	56.839	ug/l	98
11) Tert butyl alcohol	5.17	59	50171	285.322	ug/l	98
12) 1,1-Dichloroethene	4.04	96	134970	54.744	ug/l	98
13) Acrolein	3.89	56	40281	243.358	ug/l	99
14) Allyl chloride	4.67	41	307432	58.328	ug/l	99
15) Acrylonitrile	5.36	53	196002	289.092	ug/l	99
16) Acetone	4.12	43	176996	236.972	ug/l	99
17) Carbon Disulfide	4.38	76	411547	55.233	ug/l	100
18) Methyl Acetate	4.67	43	106359	57.493	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	238254	59.757	ug/l	97
20) Methylene Chloride	4.91	84	158255	56.047	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	148718	56.251	ug/l	95
22) Diisopropyl ether	6.31	45	569037	58.244	ug/l	98
23) Vinyl Acetate	6.25	43	1788063	297.388	ug/l	100
24) 1,1-Dichloroethane	6.21	63	299535	56.308	ug/l	100
25) 2-Butanone	7.16	43	275437	271.378	ug/l	99
26) 2,2-Dichloropropane	7.16	77	166624	55.340	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	161578	57.202	ug/l	99
28) Bromochloromethane	7.51	49	126447	54.538	ug/l	98
29) Tetrahydrofuran	7.52	42	179684	295.080	ug/l	99
30) Chloroform	7.68	83	273127	56.120	ug/l	98
31) Cyclohexane	7.95	56	270925	51.477	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	215542	55.984	ug/l	99
36) 1,1-Dichloropropene	8.08	75	223888	53.973	ug/l	100
37) Ethyl Acetate	7.25	43	124856	54.927	ug/l	99
38) Carbon Tetrachloride	8.07	117	193318	53.844	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	253224	54.339	ug/l	99
40) Benzene	8.32	78	620967	54.823	ug/l	100
41) Methacrylonitrile	7.48	41	79853	59.771	ug/l	98
42) 1,2-Dichloroethane	8.40	62	193703	54.566	ug/l	98
43) Isopropyl Acetate	8.42	43	241759	57.418	ug/l	100
44) Trichloroethene	9.09	130	153039	55.580	ug/l	99
45) 1,2-Dichloropropane	9.37	63	170703	55.998	ug/l	98
46) Dibromomethane	9.46	93	76553	56.442	ug/l	99
47) Bromodichloromethane	9.64	83	202533	56.108	ug/l	97
48) Methyl methacrylate	9.43	41	117062	58.414	ug/l	99
49) 1,4-Dioxane	9.45	88	20260	975.747	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	618337	288.727	ug/l	100
52) Toluene	10.39	92	378705	55.655	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	213548	58.078	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	252024	56.766	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	107302	55.916	ug/l	97
56) Ethyl methacrylate	10.65	69	165716	59.334	ug/l	99
57) 1,3-Dichloropropane	10.93	76	207828	57.310	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	406155	283.351	ug/l	100
59) 2-Hexanone	10.97	43	415430	274.153	ug/l	99
60) Dibromochloromethane	11.13	129	124505	58.250	ug/l	100
61) 1,2-Dibromoethane	11.23	107	101748	56.913	ug/l	100
64) Tetrachloroethene	10.86	164	124428	55.088	ug/l	99
65) Chlorobenzene	11.66	112	376853	54.934	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	135447	56.597	ug/l	99
67) Ethyl Benzene	11.73	91	731666	55.367	ug/l	99
68) m/p-Xylenes	11.84	106	530339	111.413	ug/l	99
69) o-Xylene	12.16	106	249086	56.538	ug/l	99
70) Styrene	12.18	104	433144	56.801	ug/l	100
71) Bromoform	12.35	173	69120	57.969	ug/l #	99
73) Isopropylbenzene	12.46	105	689585	55.883	ug/l	99
74) N-amyl acetate	12.27	43	219434	58.858	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	128112	56.630	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	85570m	53.352	ug/l	
77) Bromobenzene	12.74	156	152297	57.049	ug/l	97
78) n-propylbenzene	12.80	91	837348	55.584	ug/l	99
79) 2-Chlorotoluene	12.89	91	472781	55.278	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	580121	56.261	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	43754	59.812	ug/l	96
82) 4-Chlorotoluene	12.99	91	496160	55.404	ug/l	99
83) tert-Butylbenzene	13.21	119	496911	56.891	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	577916	55.795	ug/l	100
85) sec-Butylbenzene	13.38	105	693053	55.384	ug/l	100
86) p-Isopropyltoluene	13.50	119	624127	55.848	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	289948	55.528	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	284196	54.814	ug/l	100
89) n-Butylbenzene	13.82	91	614173	55.265	ug/l	100
90) Hexachloroethane	14.09	117	112920	57.592	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	254858	55.637	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	21764	57.066	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	176388	55.721	ug/l	99
94) Hexachlorobutadiene	15.24	225	116373	55.675	ug/l	98
95) Naphthalene	15.36	128	342531	54.698	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	159097	57.605	ug/l	100

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

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