

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082319\
 Data File : VW012126.D
 Acq On : 23 Aug 2019 10:37
 Operator : SY/VA
 Sample : VSTDIC020
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 8/26/2019 11:39:01 AM

Quant Time: Aug 26 07:14:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:02:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	266554	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	428874	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	365857	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	174368	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	61563	19.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.86%	
35) Dibromofluoromethane	7.88	113	48828	19.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.14%	
50) Toluene-d8	10.32	98	201196	19.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.76%	
62) 4-Bromofluorobenzene	12.62	95	69615	19.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.06%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	26546	16.174	ug/l 99
3) Chloromethane	2.21	50	45368	17.842	ug/l 99
4) Vinyl Chloride	2.36	62	56974	18.306	ug/l 98
5) Bromomethane	2.77	94	27390	17.377	ug/l 97
6) Chloroethane	2.92	64	31778	18.100	ug/l 99
7) Trichlorofluoromethane	3.25	101	28409	18.179	ug/l 98
8) Diethyl Ether	3.68	74	28022	18.891	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	4.07	101	48973	18.436	ug/l 97
10) Methyl Iodide	4.27	142	65741	18.291	ug/l 100
11) Tert butyl alcohol	5.17	59	17543	90.885	ug/l 99
12) 1,1-Dichloroethene	4.04	96	49114	18.370	ug/l 90
13) Acrolein	3.89	56	18855	105.042	ug/l 100
14) Allyl chloride	4.67	41	106620	18.653	ug/l 100
15) Acrylonitrile	5.37	53	70048	95.271	ug/l 99
16) Acetone	4.12	43	72371	89.349	ug/l 98
17) Carbon Disulfide	4.38	76	137280	16.989	ug/l 97
18) Methyl Acetate	4.67	43	39443	19.661	ug/l 98
19) Methyl tert-butyl Ether	5.42	73	84371	19.513	ug/l 100
20) Methylene Chloride	4.92	84	58060	18.961	ug/l 98
21) trans-1,2-Dichloroethene	5.42	96	54187	18.900	ug/l 97
22) Diisopropyl ether	6.31	45	209879	19.809	ug/l 98
23) Vinyl Acetate	6.26	43	626236	96.044	ug/l 99
24) 1,1-Dichloroethane	6.21	63	111584	19.343	ug/l 99
25) 2-Butanone	7.17	43	102722	93.327	ug/l 100
26) 2,2-Dichloropropane	7.17	77	62722	19.209	ug/l 99
27) cis-1,2-Dichloroethene	7.17	96	59045	19.275	ug/l 98
28) Bromochloromethane	7.51	49	52146	20.740	ug/l 100
29) Tetrahydrofuran	7.53	42	63430	96.054	ug/l 99
30) Chloroform	7.68	83	102796	19.477	ug/l 100
31) Cyclohexane	7.96	56	104283	18.271	ug/l 97
32) 1,1,1-Trichloroethane	7.87	97	80833	19.360	ug/l 99
36) 1,1-Dichloropropene	8.08	75	84154	18.988	ug/l 99
37) Ethyl Acetate	7.25	43	46827	19.281	ug/l 100
38) Carbon Tetrachloride	8.07	117	72918	19.009	ug/l 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	91377	18.353	ug/l	99
40) Benzene	8.32	78	233802	19.320	ug/l	98
41) Methacrylonitrile	7.48	41	29204	20.460	ug/l	93
42) 1,2-Dichloroethane	8.40	62	74143	19.549	ug/l	99
43) Isopropyl Acetate	8.42	43	85003	18.896	ug/l	100
44) Trichloroethene	9.09	130	56126	19.078	ug/l	97
45) 1,2-Dichloropropane	9.37	63	63055	19.360	ug/l	95
46) Dibromomethane	9.46	93	28211	19.468	ug/l	98
47) Bromodichloromethane	9.65	83	73970	19.180	ug/l	97
48) Methyl methacrylate	9.43	41	40481	18.907	ug/l	96
49) 1,4-Dioxane	9.46	88	7782	350.792	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	220424	96.334	ug/l	99
52) Toluene	10.39	92	139905	19.244	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	74247	18.900	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	91189	19.224	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	39827	19.425	ug/l	98
56) Ethyl methacrylate	10.65	69	56736	19.013	ug/l	99
57) 1,3-Dichloropropane	10.93	76	75179	19.404	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	150716	98.413	ug/l	100
59) 2-Hexanone	10.97	43	152981	94.492	ug/l	100
60) Dibromochloromethane	11.13	129	43544	19.068	ug/l	99
61) 1,2-Dibromoethane	11.24	107	36648	19.186	ug/l	99
64) Tetrachloroethene	10.86	164	46400	19.562	ug/l	96
65) Chlorobenzene	11.66	112	140767	19.540	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	49363	19.641	ug/l	99
67) Ethyl Benzene	11.73	91	268705	19.363	ug/l	98
68) m/p-Xylenes	11.84	106	194994	39.008	ug/l	100
69) o-Xylene	12.16	106	90236	19.504	ug/l	99
70) Styrene	12.18	104	156214	19.507	ug/l	99
71) Bromoform	12.35	173	24453	19.529	ug/l #	97
73) Isopropylbenzene	12.46	105	254037	19.443	ug/l	100
74) N-amyl acetate	12.27	43	76039	19.263	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	47373	19.777	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	33464m	19.918	ug/l	
77) Bromobenzene	12.75	156	55167	19.517	ug/l	99
78) n-propylbenzene	12.80	91	311824	19.550	ug/l	99
79) 2-Chlorotoluene	12.89	91	176618	19.503	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	213944	19.596	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	15049	19.429	ug/l	98
82) 4-Chlorotoluene	12.99	91	183548	19.357	ug/l	99
83) tert-Butylbenzene	13.21	119	179262	19.384	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	215906	19.687	ug/l	100
85) sec-Butylbenzene	13.38	105	257806	19.458	ug/l	100
86) p-Isopropyltoluene	13.50	119	229276	19.377	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	108052	19.544	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	107002	19.492	ug/l	99
89) n-Butylbenzene	13.82	91	227470	19.331	ug/l	100
90) Hexachloroethane	14.09	117	38764	18.672	ug/l	95
91) 1,2-Dichlorobenzene	13.87	146	94306	19.444	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	7886	19.529	ug/l	93

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93) 1,2,4-Trichlorobenzene	15.13	180	64140	19.136	ug/l	98
94) Hexachlorobutadiene	15.24	225	42491	19.199	ug/l	98
95) Naphthalene	15.37	128	109655	18.683	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	55050	18.825	ug/l	98

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

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