

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062420\
 Data File : VW015698.D
 Acq On : 24 Jun 2020 22:12
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/25/2020 4:18:34 PM

Quant Time: Jun 25 03:45:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 23 13:20:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	179653	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	283151	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	269843	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	136719	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	107644	53.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.70%	
35) Dibromofluoromethane	7.89	113	94833	53.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.48%	
50) Toluene-d8	10.32	98	373645	53.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.62%	
62) 4-Bromofluorobenzene	12.62	95	143042	55.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	52556	49.063	ug/l	99
3) Chloromethane	2.21	50	61872	49.188	ug/l	99
4) Vinyl Chloride	2.37	62	101997	50.157	ug/l	99
5) Bromomethane	2.78	94	81719	54.676	ug/l	94
6) Chloroethane	2.92	64	71742	53.610	ug/l	99
7) Trichlorofluoromethane	3.26	101	73790	48.327	ug/l	98
8) Diethyl Ether	3.68	74	50022	56.726	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	87824	48.798	ug/l	99
10) Methyl Iodide	4.28	142	126137	49.566	ug/l	99
11) Tert butyl alcohol	5.21	59	27838	251.318	ug/l	98
12) 1,1-Dichloroethene	4.04	96	85629	48.862	ug/l	98
13) Acrolein	3.90	56	34279	246.866	ug/l	98
14) Allyl chloride	4.67	41	138396	48.677	ug/l	100
15) Acrylonitrile	5.38	53	97788	268.779	ug/l	99
16) Acetone	4.14	43	78246	205.913	ug/l	97
17) Carbon Disulfide	4.38	76	247352	49.041	ug/l	100
18) Methyl Acetate	4.68	43	42861	54.977	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	138740	52.604	ug/l	99
20) Methylene Chloride	4.92	84	102436	55.862	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	101200	50.368	ug/l	96
22) Diisopropyl ether	6.31	45	292215	51.676	ug/l	96
23) Vinyl Acetate	6.26	43	896014	271.715	ug/l	99
24) 1,1-Dichloroethane	6.21	63	181195	50.904	ug/l	99
25) 2-Butanone	7.18	43	128743	250.680	ug/l	99
26) 2,2-Dichloropropane	7.17	77	105866	44.343	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	110792	51.260	ug/l	98
28) Bromochloromethane	7.51	49	71651	52.330	ug/l	98
29) Tetrahydrofuran	7.54	42	81530	270.148	ug/l	99
30) Chloroform	7.68	83	187732	51.426	ug/l	99
31) Cyclohexane	7.96	56	160805	46.702	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	155662	50.023	ug/l	99
36) 1,1-Dichloropropene	8.09	75	149359	50.715	ug/l	99
37) Ethyl Acetate	7.26	43	60085	53.433	ug/l	99
38) Carbon Tetrachloride	8.07	117	144606	50.654	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	181287	50.822	ug/l	97
40) Benzene	8.32	78	417547	52.142	ug/l	99
41) Methacrylonitrile	7.49	41	33922	52.562	ug/l	97
42) 1,2-Dichloroethane	8.40	62	131133	52.933	ug/l	99
43) Isopropyl Acetate	8.43	43	121238	54.028	ug/l	99
44) Trichloroethene	9.09	130	109256	50.619	ug/l	97
45) 1,2-Dichloropropane	9.37	63	101591	51.902	ug/l	99
46) Dibromomethane	9.46	93	55276	54.581	ug/l	98
47) Bromodichloromethane	9.65	83	138416	52.398	ug/l	99
48) Methyl methacrylate	9.44	41	56386	54.961	ug/l	95
49) 1,4-Dioxane	9.47	88	16121	1213.445	ug/l #	76
51) 4-Methyl-2-Pentanone	10.21	43	305307	282.124	ug/l	100
52) Toluene	10.39	92	273432	52.881	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	132660	51.983	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	158331	51.934	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	76139	54.073	ug/l	99
56) Ethyl methacrylate	10.65	69	99013	56.514	ug/l	95
57) 1,3-Dichloropropane	10.93	76	134533	53.894	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	248033	299.165	ug/l	100
59) 2-Hexanone	10.97	43	208824	283.445	ug/l	99
60) Dibromochloromethane	11.13	129	87998	53.629	ug/l	98
61) 1,2-Dibromoethane	11.24	107	73249	54.423	ug/l	98
64) Tetrachloroethene	10.87	164	93555	49.351	ug/l	98
65) Chlorobenzene	11.66	112	286292	50.320	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	103127	51.697	ug/l	99
67) Ethyl Benzene	11.73	91	541515	51.143	ug/l	100
68) m/p-Xylenes	11.84	106	409367	102.963	ug/l	99
69) o-Xylene	12.17	106	190279	52.051	ug/l	99
70) Styrene	12.18	104	328782	52.641	ug/l	99
71) Bromoform	12.35	173	47788	52.066	ug/l #	98
73) Isopropylbenzene	12.46	105	534604	51.259	ug/l	100
74) N-amyl acetate	12.27	43	119303	53.961	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	90065	53.980	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	64841m	51.994	ug/l	
77) Bromobenzene	12.75	156	118890	51.123	ug/l	99
78) n-propylbenzene	12.80	91	637910	50.814	ug/l	99
79) 2-Chlorotoluene	12.90	91	358079	50.658	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	458120	51.840	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	25321	51.167	ug/l	92
82) 4-Chlorotoluene	12.99	91	381809	51.057	ug/l	99
83) tert-Butylbenzene	13.21	119	387584	51.907	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	458910	52.071	ug/l	98
85) sec-Butylbenzene	13.38	105	551469	51.677	ug/l	100
86) p-Isopropyltoluene	13.50	119	502530	51.830	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	236801	51.294	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	231682	50.671	ug/l	97
89) n-Butylbenzene	13.82	91	480193	51.592	ug/l	99
90) Hexachloroethane	14.10	117	88678	51.394	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	206851	51.821	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	15186	56.839	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	137429	52.137	ug/l	97
94) Hexachlorobutadiene	15.24	225	85163	50.714	ug/l	99
95) Naphthalene	15.37	128	246154	56.461	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	120480	53.087	ug/l	96

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

