

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090120\
 Data File : VW016430.D
 Acq On : 01 Sep 2020 12:35
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/2/2020 2:22:29 PM

Quant Time: Sep 02 09:02:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082820S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 28 15:01:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	164391	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	254741	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	230961	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	114268	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	82667	50.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.46%	
35) Dibromofluoromethane	7.88	113	82034	50.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.76%	
50) Toluene-d8	10.33	98	312691	51.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.58%	
62) 4-Bromofluorobenzene	12.62	95	120291	53.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	46272	49.944	ug/l	100
3) Chloromethane	2.21	50	38289	42.958	ug/l	94
4) Vinyl Chloride	2.37	62	85045	65.464	ug/l	97
5) Bromomethane	2.78	94	61139	66.648	ug/l	96
6) Chloroethane	2.93	64	54430	70.388	ug/l	96
7) Trichlorofluoromethane	3.26	101	78841	50.196	ug/l	98
8) Diethyl Ether	3.68	74	34348	43.445	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.07	101	73880	48.189	ug/l	99
10) Methyl Iodide	4.27	142	113869	48.602	ug/l	99
11) Tert butyl alcohol	5.16	59	24632	247.567	ug/l	98
12) 1,1-Dichloroethene	4.04	96	74332	47.512	ug/l	98
13) Acrolein	3.90	56	15768	207.991	ug/l	95
14) Allyl chloride	4.67	41	89335	45.683	ug/l	97
15) Acrylonitrile	5.37	53	67887	230.627	ug/l	99
16) Acetone	4.11	43	73308	262.333	ug/l	97
17) Carbon Disulfide	4.38	76	206845	47.092	ug/l	100
18) Methyl Acetate	4.67	43	27804	43.634	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	113612	47.531	ug/l	95
20) Methylene Chloride	4.92	84	88003	49.968	ug/l	95
21) trans-1,2-Dichloroethene	5.43	96	82913	47.284	ug/l	95
22) Diisopropyl ether	6.31	45	177332	45.811	ug/l	97
23) Vinyl Acetate	6.26	43	547280	230.699	ug/l	99
24) 1,1-Dichloroethane	6.21	63	127822	45.800	ug/l	98
25) 2-Butanone	7.17	43	87849	231.702	ug/l	98
26) 2,2-Dichloropropane	7.17	77	104078	48.285	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	89020	46.858	ug/l	97
28) Bromochloromethane	7.51	49	49576	48.904	ug/l	98
29) Tetrahydrofuran	7.53	42	51327	226.774	ug/l	98
30) Chloroform	7.68	83	146449	47.239	ug/l	96
31) Cyclohexane	7.96	56	112843	44.117	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	137031	49.080	ug/l	98
36) 1,1-Dichloropropene	8.09	75	114149	47.085	ug/l	98
37) Ethyl Acetate	7.25	43	36441	44.371	ug/l	97
38) Carbon Tetrachloride	8.07	117	130746	49.218	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	142323	48.485	ug/l	95
40) Benzene	8.32	78	305173	47.019	ug/l	100
41) Methacrylonitrile	7.48	41	23776	50.280	ug/l #	88
42) 1,2-Dichloroethane	8.40	62	94312	47.639	ug/l	100
43) Isopropyl Acetate	8.43	43	74692	45.573	ug/l	99
44) Trichloroethene	9.10	130	91432	47.081	ug/l	99
45) 1,2-Dichloropropane	9.37	63	68244	45.324	ug/l	96
46) Dibromomethane	9.46	93	42035	46.988	ug/l	97
47) Bromodichloromethane	9.65	83	110329	47.819	ug/l	99
48) Methyl methacrylate	9.44	41	35295	45.168	ug/l	100
49) 1,4-Dioxane	9.45	88	12470	1023.331	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	186890	230.612	ug/l	99
52) Toluene	10.39	92	208182	47.840	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	107620	47.963	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	124439	47.596	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	59271	46.469	ug/l	94
56) Ethyl methacrylate	10.65	69	71719	48.117	ug/l	99
57) 1,3-Dichloropropane	10.93	76	97339	45.929	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	158991	237.562	ug/l	97
59) 2-Hexanone	10.97	43	134883	243.959	ug/l	99
60) Dibromochloromethane	11.13	129	77532	48.074	ug/l	100
61) 1,2-Dibromoethane	11.24	107	58853	47.049	ug/l	99
64) Tetrachloroethene	10.87	164	75551	47.622	ug/l	97
65) Chlorobenzene	11.66	112	223629	47.014	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	83442	47.376	ug/l	98
67) Ethyl Benzene	11.73	91	415272	48.902	ug/l	97
68) m/p-Xylenes	11.84	106	314430	96.981	ug/l	99
69) o-Xylene	12.17	106	140655	47.176	ug/l	100
70) Styrene	12.18	104	244903	48.197	ug/l	99
71) Bromoform	12.35	173	42492	47.413	ug/l #	93
73) Isopropylbenzene	12.46	105	415643	49.330	ug/l	100
74) N-amyl acetate	12.27	43	70671	47.929	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	64370	46.408	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	47152m	46.666	ug/l	
77) Bromobenzene	12.75	156	93564	47.768	ug/l	97
78) n-propylbenzene	12.80	91	482865	48.818	ug/l	98
79) 2-Chlorotoluene	12.90	91	279658	48.009	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	362704	49.081	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	21807	47.916	ug/l	98
82) 4-Chlorotoluene	12.99	91	292503	48.030	ug/l	100
83) tert-Butylbenzene	13.21	119	311530	50.177	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	360389	48.894	ug/l	99
85) sec-Butylbenzene	13.38	105	426807	49.648	ug/l	100
86) p-Isopropyltoluene	13.50	119	403287	50.252	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	176893	47.049	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	179869	47.550	ug/l	100
89) n-Butylbenzene	13.82	91	366614	49.756	ug/l	98
90) Hexachloroethane	14.10	117	73747	48.942	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	162464	48.239	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	12022	47.683	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	112243	50.204	ug/l	95
94) Hexachlorobutadiene	15.24	225	69361	51.965	ug/l	99
95) Naphthalene	15.37	128	205807	49.744	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	99471	50.777	ug/l	99

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

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