

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082220\
 Data File : VW016318.D
 Acq On : 21 Aug 2020 20:26
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/24/2020 4:55:04 PM

Quant Time: Aug 22 07:05:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081420S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 17 08:01:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	214104	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	348741	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	313648	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	147516	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	111287	53.30	ug/l	0.00
Spiked Amount 50.000			Recovery =	106.60%		
35) Dibromofluoromethane	7.88	113	111868	51.99	ug/l	0.00
Spiked Amount 50.000			Recovery =	103.98%		
50) Toluene-d8	10.32	98	429147	51.52	ug/l	0.00
Spiked Amount 50.000			Recovery =	103.04%		
62) 4-Bromofluorobenzene	12.62	95	156836	52.68	ug/l	0.00
Spiked Amount 50.000			Recovery =	105.36%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	68404	46.981	ug/l	92
3) Chloromethane	2.21	50	69674	44.945	ug/l	98
4) Vinyl Chloride	2.36	62	94192	43.411	ug/l	96
5) Bromomethane	2.78	94	66566	49.341	ug/l	91
6) Chloroethane	2.92	64	56927	46.458	ug/l	96
7) Trichlorofluoromethane	3.26	101	94684	53.902	ug/l	97
8) Diethyl Ether	3.68	74	58162	52.764	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	108124	46.941	ug/l	100
10) Methyl Iodide	4.27	142	170848	51.334	ug/l	100
11) Tert butyl alcohol	5.16	59	37560	338.006	ug/l	96
12) 1,1-Dichloroethene	4.04	96	110096	46.969	ug/l	97
13) Acrolein	3.89	56	38001	236.739	ug/l	98
14) Allyl chloride	4.67	41	149054	47.460	ug/l	96
15) Acrylonitrile	5.36	53	117735	283.458	ug/l	99
16) Acetone	4.12	43	93324	233.320	ug/l	100
17) Carbon Disulfide	4.39	76	319334	46.397	ug/l	100
18) Methyl Acetate	4.67	43	51782	55.594	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	169329	58.667	ug/l	99
20) Methylene Chloride	4.91	84	130912	52.984	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	123945	48.557	ug/l	98
22) Diisopropyl ether	6.31	45	300041	50.676	ug/l	97
23) Vinyl Acetate	6.26	43	903160	266.400	ug/l	99
24) 1,1-Dichloroethane	6.21	63	201529	48.768	ug/l	99
25) 2-Butanone	7.17	43	143750	268.166	ug/l	97
26) 2,2-Dichloropropane	7.17	77	124453	46.623	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	136248	51.711	ug/l	98
28) Bromochloromethane	7.51	49	78257	49.915	ug/l	93
29) Tetrahydrofuran	7.53	42	94095	293.651	ug/l	95
30) Chloroform	7.68	83	215196	50.120	ug/l	100
31) Cyclohexane	7.96	56	168860	44.316	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	181341	50.270	ug/l	99
36) 1,1-Dichloropropene	8.09	75	164500	47.881	ug/l	98
37) Ethyl Acetate	7.25	43	64540	54.792	ug/l	98
38) Carbon Tetrachloride	8.07	117	170824	49.825	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	203344	49.137	ug/l	97
40) Benzene	8.32	78	477153	49.369	ug/l	97
41) Methacrylonitrile	7.48	41	36993	55.028	ug/l	96
42) 1,2-Dichloroethane	8.40	62	135081	52.919	ug/l	100
43) Isopropyl Acetate	8.42	43	123556	55.755	ug/l	98
44) Trichloroethene	9.09	130	132544	48.421	ug/l	100
45) 1,2-Dichloropropane	9.37	63	111034	48.736	ug/l	97
46) Dibromomethane	9.46	93	64124	53.611	ug/l	97
47) Bromodichloromethane	9.65	83	162479	52.577	ug/l	98
48) Methyl methacrylate	9.44	41	58882	57.156	ug/l	93
49) 1,4-Dioxane	9.45	88	21693	1440.303	ug/l #	93
51) 4-Methyl-2-Pentanone	10.21	43	320627	286.065	ug/l	98
52) Toluene	10.39	92	310907	50.236	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	156266	54.612	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	188715	53.066	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	91488	53.307	ug/l	97
56) Ethyl methacrylate	10.65	69	118657	60.626	ug/l	97
57) 1,3-Dichloropropane	10.93	76	153808	52.673	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	237085	265.688	ug/l	97
59) 2-Hexanone	10.97	43	223620	291.642	ug/l	98
60) Dibromochloromethane	11.13	129	114524	56.094	ug/l	99
61) 1,2-Dibromoethane	11.24	107	91263	55.240	ug/l	100
64) Tetrachloroethene	10.87	164	107924	52.441	ug/l	94
65) Chlorobenzene	11.66	112	331326	51.539	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	119669	53.256	ug/l	98
67) Ethyl Benzene	11.73	91	596882	51.662	ug/l	97
68) m/p-Xylenes	11.84	106	456510	102.797	ug/l	98
69) o-Xylene	12.17	106	212292	53.658	ug/l	95
70) Styrene	12.18	104	371824	54.311	ug/l	99
71) Bromoform	12.35	173	61494	61.148	ug/l #	98
73) Isopropylbenzene	12.46	105	595317	52.959	ug/l	100
74) N-amyl acetate	12.27	43	114984	57.117	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	104135	55.362	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	70147m	51.705	ug/l	
77) Bromobenzene	12.75	156	132211	53.174	ug/l	96
78) n-propylbenzene	12.80	91	684202	50.992	ug/l	99
79) 2-Chlorotoluene	12.90	91	402709	51.956	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	515052	53.375	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.51	75	31811	56.243	ug/l	97
82) 4-Chlorotoluene	12.99	91	417939	51.795	ug/l	100
83) tert-Butylbenzene	13.21	119	429685	54.332	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	517031	54.146	ug/l	100
85) sec-Butylbenzene	13.38	105	587863	51.143	ug/l	99
86) p-Isopropyltoluene	13.50	119	547029	52.618	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	255080	51.227	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	254642	51.934	ug/l	99
89) n-Butylbenzene	13.82	91	498224	51.802	ug/l	100
90) Hexachloroethane	14.10	117	102347	52.752	ug/l	96
91) 1,2-Dichlorobenzene	13.87	146	227945	52.508	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	17850	61.733	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	152072	58.743	ug/l	98
94) Hexachlorobutadiene	15.24	225	81286	52.813	ug/l	96
95) Naphthalene	15.36	128	308793	56.397	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	135415	60.909	ug/l	98

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

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