

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062520\
 Data File : VW015736.D
 Acq On : 25 Jun 2020 18:26
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/26/2020 11:21:22 AM

Quant Time: Jun 26 03:45:21 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	190734	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	307785	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	289003	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	151175	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	108157	50.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.94%	
35) Dibromofluoromethane	7.88	113	95830	49.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.00%	
50) Toluene-d8	10.32	98	387533	50.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.72%	
62) 4-Bromofluorobenzene	12.62	95	148621	52.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	61701	54.254	ug/l	100
3) Chloromethane	2.21	50	63946	47.883	ug/l	99
4) Vinyl Chloride	2.37	62	108295	50.161	ug/l	99
5) Bromomethane	2.78	94	77692	48.961	ug/l	98
6) Chloroethane	2.93	64	72212	50.826	ug/l	98
7) Trichlorofluoromethane	3.26	101	84346	52.031	ug/l	96
8) Diethyl Ether	3.68	74	48771	52.094	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	93558	48.964	ug/l	99
10) Methyl Iodide	4.27	142	136280	50.441	ug/l	100
11) Tert butyl alcohol	5.18	59	33521	290.182	ug/l	100
12) 1,1-Dichloroethene	4.04	96	92967	49.967	ug/l	99
13) Acrolein	3.89	56	30888	209.522	ug/l	99
14) Allyl chloride	4.67	41	149533	49.538	ug/l	98
15) Acrylonitrile	5.37	53	102294	264.830	ug/l	98
16) Acetone	4.12	43	99622	246.936	ug/l	98
17) Carbon Disulfide	4.39	76	258540	48.281	ug/l	99
18) Methyl Acetate	4.67	43	45394	54.831	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	149815	53.504	ug/l	99
20) Methylene Chloride	4.92	84	108471	55.704	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	106354	49.858	ug/l	96
22) Diisopropyl ether	6.31	45	304980	50.800	ug/l	97
23) Vinyl Acetate	6.26	43	934815	267.012	ug/l	100
24) 1,1-Dichloroethane	6.22	63	187760	49.684	ug/l	100
25) 2-Butanone	7.17	43	142065	260.550	ug/l	99
26) 2,2-Dichloropropane	7.17	77	114381	45.126	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	116733	50.871	ug/l	99
28) Bromochloromethane	7.51	49	76869	52.880	ug/l	99
29) Tetrahydrofuran	7.54	42	88136	275.071	ug/l	98
30) Chloroform	7.68	83	193109	49.825	ug/l	100
31) Cyclohexane	7.96	56	170320	46.591	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	161822	48.982	ug/l	99
36) 1,1-Dichloropropene	8.09	75	156127	48.770	ug/l	100
37) Ethyl Acetate	7.26	43	63769	52.170	ug/l	99
38) Carbon Tetrachloride	8.07	117	147057	47.389	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	190464	49.121	ug/l	98
40) Benzene	8.32	78	426423	48.989	ug/l	100
41) Methacrylonitrile	7.49	41	38741	55.225	ug/l #	90
42) 1,2-Dichloroethane	8.40	62	134904	50.097	ug/l	100
43) Isopropyl Acetate	8.43	43	127150	52.127	ug/l	99
44) Trichloroethene	9.09	130	113540	48.393	ug/l	97
45) 1,2-Dichloropropane	9.37	63	105573	49.620	ug/l	96
46) Dibromomethane	9.46	93	55700	50.598	ug/l	99
47) Bromodichloromethane	9.65	83	140538	48.943	ug/l	98
48) Methyl methacrylate	9.44	41	60311	54.082	ug/l	99
49) 1,4-Dioxane	9.45	88	18601	1288.057	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	319163	271.323	ug/l	100
52) Toluene	10.39	92	285134	50.730	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	139825	50.405	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	164665	49.689	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	77343	50.532	ug/l	95
56) Ethyl methacrylate	10.65	69	104722	54.989	ug/l	97
57) 1,3-Dichloropropane	10.93	76	140471	51.769	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	240160	266.485	ug/l	99
59) 2-Hexanone	10.97	43	221633	276.753	ug/l	100
60) Dibromochloromethane	11.13	129	91740	51.435	ug/l	99
61) 1,2-Dibromoethane	11.24	107	76366	52.198	ug/l	100
64) Tetrachloroethene	10.87	164	95733	47.152	ug/l	97
65) Chlorobenzene	11.66	112	302514	49.647	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	103128	48.270	ug/l	97
67) Ethyl Benzene	11.73	91	566539	49.959	ug/l	98
68) m/p-Xylenes	11.84	106	430255	101.042	ug/l	100
69) o-Xylene	12.17	106	199843	51.043	ug/l	98
70) Styrene	12.18	104	346568	51.810	ug/l	100
71) Bromoform	12.35	173	49538	50.394	ug/l #	97
73) Isopropylbenzene	12.46	105	565051	48.998	ug/l	99
74) N-amyl acetate	12.27	43	126132	51.595	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	93198	50.516	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	66949m	48.551	ug/l	
77) Bromobenzene	12.75	156	124320	48.346	ug/l	99
78) n-propylbenzene	12.80	91	673404	48.512	ug/l	99
79) 2-Chlorotoluene	12.89	91	382152	48.894	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	479188	49.039	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	26817	49.008	ug/l	95
82) 4-Chlorotoluene	12.99	91	397575	48.082	ug/l	98
83) tert-Butylbenzene	13.21	119	404509	48.994	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	481829	49.444	ug/l	100
85) sec-Butylbenzene	13.38	105	581593	49.289	ug/l	99
86) p-Isopropyltoluene	13.50	119	538383	50.218	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	251326	49.234	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	241496	47.767	ug/l	96
89) n-Butylbenzene	13.82	91	511435	49.694	ug/l	99
90) Hexachloroethane	14.10	117	91150	47.775	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	212971	48.253	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	15069	51.008	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	147053	50.453	ug/l	99
94) Hexachlorobutadiene	15.24	225	88536	47.681	ug/l	98
95) Naphthalene	15.37	128	266723	55.328	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	128420	51.175	ug/l	97

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

