

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062420\
 Data File : VW015696.D
 Acq On : 24 Jun 2020 21:01
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/25/2020 4:18:38 PM

Quant Time: Jun 25 03:43:23 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	169896	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	281022	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	267137	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	138862	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	104893	55.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.98%	
35) Dibromofluoromethane	7.88	113	91656	51.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.70%	
50) Toluene-d8	10.32	98	353166	50.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.54%	
62) 4-Bromofluorobenzene	12.62	95	137598	53.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	56020	55.300	ug/l	95
3) Chloromethane	2.21	50	62724	52.729	ug/l	97
4) Vinyl Chloride	2.37	62	101291	52.671	ug/l	99
5) Bromomethane	2.78	94	78965	55.867	ug/l	96
6) Chloroethane	2.93	64	70751	55.905	ug/l	100
7) Trichlorofluoromethane	3.26	101	75018	51.953	ug/l	95
8) Diethyl Ether	3.68	74	48139	57.726	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	88664	52.094	ug/l	99
10) Methyl Iodide	4.27	142	131431	54.612	ug/l	100
11) Tert butyl alcohol	5.20	59	31164	304.541	ug/l	99
12) 1,1-Dichloroethene	4.04	96	86368	52.114	ug/l	99
13) Acrolein	3.89	56	34069	259.444	ug/l	100
14) Allyl chloride	4.67	41	143457	53.355	ug/l	99
15) Acrylonitrile	5.37	53	105650	307.065	ug/l	99
16) Acetone	4.13	43	89102	247.948	ug/l	99
17) Carbon Disulfide	4.38	76	250401	52.496	ug/l	100
18) Methyl Acetate	4.68	43	47428	65.197	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	146321	58.665	ug/l	98
20) Methylene Chloride	4.92	84	105254	61.129	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	104173	54.825	ug/l	98
22) Diisopropyl ether	6.32	45	306617	57.337	ug/l	98
23) Vinyl Acetate	6.26	43	952816	305.534	ug/l	99
24) 1,1-Dichloroethane	6.22	63	185892	55.223	ug/l	100
25) 2-Butanone	7.18	43	138173	284.493	ug/l	97
26) 2,2-Dichloropropane	7.16	77	105403	46.685	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	114035	55.790	ug/l	99
28) Bromochloromethane	7.51	49	73439	56.716	ug/l	100
29) Tetrahydrofuran	7.54	42	89463	313.458	ug/l	100
30) Chloroform	7.68	83	193854	56.152	ug/l	97
31) Cyclohexane	7.96	56	159753	49.061	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	156644	53.230	ug/l	99
36) 1,1-Dichloropropene	8.09	75	150091	51.350	ug/l	99
37) Ethyl Acetate	7.26	43	65132	58.360	ug/l	99
38) Carbon Tetrachloride	8.07	117	143283	50.571	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	177864	50.240	ug/l	100
40) Benzene	8.32	78	423879	53.334	ug/l	99
41) Methacrylonitrile	7.48	41	37734	58.912	ug/l	95
42) 1,2-Dichloroethane	8.40	62	138697	56.411	ug/l	100
43) Isopropyl Acetate	8.43	43	130206	58.464	ug/l	99
44) Trichloroethene	9.09	130	111140	51.882	ug/l	94
45) 1,2-Dichloropropane	9.37	63	105549	54.333	ug/l	98
46) Dibromomethane	9.46	93	56787	56.498	ug/l	99
47) Bromodichloromethane	9.65	83	146244	55.780	ug/l	96
48) Methyl methacrylate	9.44	41	60794	59.706	ug/l	96
49) 1,4-Dioxane	9.46	88	16951	1285.586	ug/l #	93
51) 4-Methyl-2-Pentanone	10.21	43	327735	305.143	ug/l	100
52) Toluene	10.39	92	282112	54.973	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	141102	55.710	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	165381	54.658	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	81535	58.344	ug/l	99
56) Ethyl methacrylate	10.65	69	105811	60.852	ug/l	96
57) 1,3-Dichloropropane	10.93	76	141740	57.211	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	245156	297.935	ug/l	100
59) 2-Hexanone	10.97	43	225932	308.989	ug/l	100
60) Dibromochloromethane	11.13	129	96170	59.054	ug/l	99
61) 1,2-Dibromoethane	11.24	107	77992	58.386	ug/l	100
64) Tetrachloroethene	10.87	164	91373	48.688	ug/l	91
65) Chlorobenzene	11.66	112	296155	52.581	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	106511	53.934	ug/l	96
67) Ethyl Benzene	11.73	91	551406	52.605	ug/l	99
68) m/p-Xylenes	11.84	106	422620	107.373	ug/l	99
69) o-Xylene	12.17	106	195127	53.918	ug/l	99
70) Styrene	12.18	104	344850	55.773	ug/l	99
71) Bromoform	12.35	173	51603	56.792	ug/l #	95
73) Isopropylbenzene	12.46	105	543496	51.307	ug/l	100
74) N-amyl acetate	12.27	43	129674	57.747	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	96688	57.055	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	69356m	54.756	ug/l	
77) Bromobenzene	12.75	156	125937	53.317	ug/l	99
78) n-propylbenzene	12.80	91	644628	50.557	ug/l	99
79) 2-Chlorotoluene	12.90	91	372848	51.934	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	466470	51.970	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	26786	53.292	ug/l	93
82) 4-Chlorotoluene	12.99	91	396102	52.151	ug/l	99
83) tert-Butylbenzene	13.21	119	395734	52.181	ug/l	96
84) 1,2,4-Trimethylbenzene	13.25	105	470241	52.534	ug/l	99
85) sec-Butylbenzene	13.38	105	553333	51.052	ug/l	100
86) p-Isopropyltoluene	13.50	119	513352	52.129	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	243211	51.869	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	239591	51.592	ug/l	98
89) n-Butylbenzene	13.82	91	481949	50.981	ug/l	99
90) Hexachloroethane	14.10	117	91181	52.029	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	218641	53.930	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	15992	58.932	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	145784	54.453	ug/l	99
94) Hexachlorobutadiene	15.24	225	89547	52.502	ug/l	98
95) Naphthalene	15.36	128	280162	63.269	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	135143	58.629	ug/l	96

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

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