

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062320\
 Data File : VW015657.D
 Acq On : 23 Jun 2020 12:50
 Operator : SY/VA
 Sample : VSTDICC150
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 6/24/2020 10:58:18 AM

Quant Time: Jun 23 13:19:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 23 12:41:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	233821	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	366385	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	331774	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	159501	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	348233	141.46	ug/l	0.00
Spiked Amount			Recovery	=	282.92%	
35) Dibromofluoromethane	7.89	113	321733	148.18	ug/l	0.00
Spiked Amount			Recovery	=	296.36%	
50) Toluene-d8	10.33	98	1291424	146.62	ug/l	0.00
Spiked Amount			Recovery	=	293.24%	
62) 4-Bromofluorobenzene	12.62	95	463677	145.14	ug/l	0.00
Spiked Amount			Recovery	=	290.28%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	214191	161.365	ug/l	97
3) Chloromethane	2.21	50	233732	144.723	ug/l	100
4) Vinyl Chloride	2.37	62	363265	143.266	ug/l	99
5) Bromomethane	2.77	94	270719	151.791	ug/l	100
6) Chloroethane	2.92	64	240913	146.743	ug/l	99
7) Trichlorofluoromethane	3.26	101	299186	157.095	ug/l	99
8) Diethyl Ether	3.68	74	160573	143.189	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	330151	144.378	ug/l	99
10) Methyl Iodide	4.28	142	476490	142.472	ug/l	99
11) Tert butyl alcohol	5.21	59	95419	512.265	ug/l	99
12) 1,1-Dichloroethene	4.04	96	328593	144.888	ug/l	98
13) Acrolein	3.90	56	123674	808.262	ug/l	98
14) Allyl chloride	4.67	41	545442	143.326	ug/l	98
15) Acrylonitrile	5.37	53	326035	716.063	ug/l	99
16) Acetone	4.13	43	322766	648.050	ug/l	98
17) Carbon Disulfide	4.38	76	989530	146.331	ug/l	99
18) Methyl Acetate	4.68	43	140327	129.898	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	456642	133.208	ug/l	97
20) Methylene Chloride	4.92	84	333329	129.221	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	372685	146.078	ug/l	99
22) Diisopropyl ether	6.32	45	1032077	142.922	ug/l	98
23) Vinyl Acetate	6.26	43	3154863	744.826	ug/l	99
24) 1,1-Dichloroethane	6.22	63	656534	144.184	ug/l	100
25) 2-Butanone	7.18	43	436919	681.864	ug/l	98
26) 2,2-Dichloropropane	7.17	77	403926	126.421	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	403942	145.593	ug/l	98
28) Bromochloromethane	7.51	49	247034	144.720	ug/l	99
29) Tetrahydrofuran	7.54	42	269820	705.700	ug/l	99
30) Chloroform	7.68	83	657806	143.108	ug/l	99
31) Cyclohexane	7.96	56	601285	133.846	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	566614	142.173	ug/l	99
36) 1,1-Dichloropropene	8.09	75	540116	143.986	ug/l	100
37) Ethyl Acetate	7.26	43	192173	135.949	ug/l	98
38) Carbon Tetrachloride	8.07	117	530484	145.194	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	687980	148.811	ug/l	99
40) Benzene	8.33	78	1453268	144.069	ug/l	99
41) Methacrylonitrile	7.49	41	117575	146.899	ug/l	94
42) 1,2-Dichloroethane	8.40	62	432922	141.366	ug/l	99
43) Isopropyl Acetate	8.43	43	401500	143.149	ug/l	99
44) Trichloroethene	9.10	130	390625	144.587	ug/l	100
45) 1,2-Dichloropropane	9.37	63	351584	143.547	ug/l	99
46) Dibromomethane	9.46	93	180291	145.125	ug/l	99
47) Bromodichloromethane	9.65	83	491097	145.792	ug/l	99
48) Methyl methacrylate	9.44	41	192877	150.031	ug/l	100
49) 1,4-Dioxane	9.46	88	47689	2914.687	ug/l #	76
51) 4-Methyl-2-Pentanone	10.21	43	960479	720.380	ug/l	99
52) Toluene	10.39	92	954753	146.590	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	499753	151.737	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	586742	149.989	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	253104	145.992	ug/l	99
56) Ethyl methacrylate	10.65	69	339282	151.641	ug/l	97
57) 1,3-Dichloropropane	10.93	76	447042	145.524	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	806727	754.058	ug/l	100
59) 2-Hexanone	10.97	43	661965	722.236	ug/l	98
60) Dibromochloromethane	11.13	129	313063	148.420	ug/l	98
61) 1,2-Dibromoethane	11.24	107	242700	146.473	ug/l	98
64) Tetrachloroethene	10.87	164	326617	144.388	ug/l	99
65) Chlorobenzene	11.66	112	987060	144.882	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	350703	144.366	ug/l	97
67) Ethyl Benzene	11.73	91	1871035	145.842	ug/l	97
68) m/p-Xylenes	11.84	106	1419443	296.332	ug/l	98
69) o-Xylene	12.17	106	664910	149.534	ug/l	98
70) Styrene	12.18	104	1138108	149.860	ug/l	99
71) Bromoform	12.35	173	174716	152.248	ug/l #	99
73) Isopropylbenzene	12.46	105	1848399	151.192	ug/l	99
74) N-amyl acetate	12.27	43	379997	148.059	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	269443	145.125	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	202209m	150.586	ug/l	
77) Bromobenzene	12.75	156	396555	150.297	ug/l	99
78) n-propylbenzene	12.80	91	2174677	148.477	ug/l	99
79) 2-Chlorotoluene	12.90	91	1211534	146.528	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	1516639	146.833	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	96721	159.433	ug/l	96
82) 4-Chlorotoluene	12.99	91	1252790	146.181	ug/l	98
83) tert-Butylbenzene	13.21	119	1321242	150.571	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	1504692	146.061	ug/l	99
85) sec-Butylbenzene	13.38	105	1844697	147.994	ug/l	100
86) p-Isopropyltoluene	13.50	119	1691735	148.782	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	757334	144.377	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	738295	142.458	ug/l	97
89) n-Butylbenzene	13.82	91	1623976	148.245	ug/l	99
90) Hexachloroethane	14.10	117	307164	147.414	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	657345	144.277	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	44585	140.778	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	450844	143.646	ug/l	99
94) Hexachlorobutadiene	15.24	225	288279	149.155	ug/l	99
95) Naphthalene	15.37	128	790463	151.357	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	389892	148.460	ug/l	99

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

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