

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062320\
 Data File : VW015656.D
 Acq On : 23 Jun 2020 12:27
 Operator : SY/VA
 Sample : VSTDIC100
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 6/24/2020 10:58:16 AM

Quant Time: Jun 23 13:02:04 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	232768	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	362186	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	335692	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	166705	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	230863	94.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	188.42%	
35) Dibromofluoromethane	7.88	113	206595	96.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	192.50%	
50) Toluene-d8	10.33	98	833232	95.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	191.40%	
62) 4-Bromofluorobenzene	12.62	95	310556	98.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	196.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	149218	112.925	ug/l	96
3) Chloromethane	2.22	50	154456	96.069	ug/l	99
4) Vinyl Chloride	2.37	62	252826	100.162	ug/l	100
5) Bromomethane	2.78	94	178765	100.686	ug/l	96
6) Chloroethane	2.93	64	163535	100.061	ug/l	100
7) Trichlorofluoromethane	3.26	101	198854	104.886	ug/l	99
8) Diethyl Ether	3.68	74	108784	97.446	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	219895	96.597	ug/l	100
10) Methyl Iodide	4.28	142	317906	95.485	ug/l	100
11) Tert butyl alcohol	5.18	59	71943	387.980	ug/l	99
12) 1,1-Dichloroethene	4.04	96	216643	95.957	ug/l	98
13) Acrolein	3.89	56	84319	553.553	ug/l	99
14) Allyl chloride	4.67	41	371638	98.097	ug/l	98
15) Acrylonitrile	5.37	53	234786	517.988	ug/l	99
16) Acetone	4.12	43	250771	505.776	ug/l	99
17) Carbon Disulfide	4.38	76	661717	98.297	ug/l	100
18) Methyl Acetate	4.67	43	102365	95.186	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	324926	95.214	ug/l	98
20) Methylene Chloride	4.92	84	235581	91.740	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	254429	100.177	ug/l	96
22) Diisopropyl ether	6.32	45	717265	99.776	ug/l	99
23) Vinyl Acetate	6.26	43	2198652	521.424	ug/l	100
24) 1,1-Dichloroethane	6.22	63	443583	97.858	ug/l	99
25) 2-Butanone	7.18	43	324246	508.314	ug/l	100
26) 2,2-Dichloropropane	7.17	77	277296	87.181	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	274191	99.274	ug/l	98
28) Bromochloromethane	7.52	49	165968	97.669	ug/l	100
29) Tetrahydrofuran	7.53	42	196058	515.099	ug/l	100
30) Chloroform	7.68	83	449469	98.226	ug/l	98
31) Cyclohexane	7.96	56	411305	91.970	ug/l	100
32) 1,1,1-Trichloroethane	7.88	97	389203	98.099	ug/l	98
36) 1,1-Dichloropropene	8.09	75	370637	99.952	ug/l	100
37) Ethyl Acetate	7.26	43	142261	101.806	ug/l	100
38) Carbon Tetrachloride	8.07	117	362976	100.499	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	468788	102.575	ug/l	99
40) Benzene	8.33	78	1000124	100.296	ug/l	99
41) Methacrylonitrile	7.49	41	84495	106.792	ug/l	94
42) 1,2-Dichloroethane	8.40	62	304738	100.663	ug/l	100
43) Isopropyl Acetate	8.43	43	286824	103.449	ug/l	99
44) Trichloroethene	9.10	130	269392	100.870	ug/l	97
45) 1,2-Dichloropropane	9.37	63	244307	100.904	ug/l	98
46) Dibromomethane	9.46	93	128143	104.344	ug/l	99
47) Bromodichloromethane	9.65	83	342484	102.852	ug/l	99
48) Methyl methacrylate	9.44	41	135985	107.003	ug/l	100
49) 1,4-Dioxane	9.45	88	34838	2153.937	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	696853	528.714	ug/l	99
52) Toluene	10.39	92	661046	102.671	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	344279	105.743	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	401492	103.823	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	178660	104.247	ug/l	99
56) Ethyl methacrylate	10.65	69	238869	108.000	ug/l	97
57) 1,3-Dichloropropane	10.93	76	315186	103.791	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	535074	505.939	ug/l	100
59) 2-Hexanone	10.97	43	492619	543.703	ug/l	99
60) Dibromochloromethane	11.13	129	220662	105.827	ug/l	100
61) 1,2-Dibromoethane	11.24	107	171761	104.862	ug/l	99
64) Tetrachloroethene	10.87	164	227837	99.545	ug/l	96
65) Chlorobenzene	11.66	112	676321	98.113	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	250967	102.104	ug/l	98
67) Ethyl Benzene	11.73	91	1302672	100.355	ug/l	99
68) m/p-Xylenes	11.84	106	984255	203.081	ug/l	99
69) o-Xylene	12.17	106	458054	101.811	ug/l	100
70) Styrene	12.18	104	795077	103.469	ug/l	99
71) Bromoform	12.35	173	121574	104.704	ug/l	# 96
73) Isopropylbenzene	12.47	105	1300263	101.760	ug/l	99
74) N-amyl acetate	12.27	43	279977	104.374	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	200731	103.444	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	147786m	105.301	ug/l	
77) Bromobenzene	12.75	156	283090	102.656	ug/l	99
78) n-propylbenzene	12.80	91	1531927	100.073	ug/l	99
79) 2-Chlorotoluene	12.90	91	862693	99.829	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	1077892	99.846	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	68206	107.571	ug/l	98
82) 4-Chlorotoluene	12.99	91	906889	101.247	ug/l	99
83) tert-Butylbenzene	13.21	119	906859	98.881	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	1068517	99.239	ug/l	99
85) sec-Butylbenzene	13.38	105	1288020	98.868	ug/l	99
86) p-Isopropyltoluene	13.50	119	1207339	101.593	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	556456	101.498	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	539092	99.526	ug/l	97
89) n-Butylbenzene	13.82	91	1146907	100.171	ug/l	99
90) Hexachloroethane	14.10	117	213764	98.156	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	480128	100.827	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	33247	100.441	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	331012	100.908	ug/l	100
94) Hexachlorobutadiene	15.24	225	203388	100.685	ug/l	99
95) Naphthalene	15.37	128	573844	105.131	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	280453	102.174	ug/l	98

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

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