

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010320\
 Data File : VW014499.D
 Acq On : 03 Jan 2020 15:14
 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

apatel
 1/6/2020 10:43:22 AM

Quant Time: Jan 03 15:50:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 03 15:27:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	872381	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1332204	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1165702	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	557727	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	765324	114.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	228.90%	
35) Dibromofluoromethane	7.88	113	770469	104.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	209.36%	
50) Toluene-d8	10.32	98	3200091	106.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	213.30%	
62) 4-Bromofluorobenzene	12.62	95	1090921	107.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	214.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	499315	105.709	ug/l	100
3) Chloromethane	2.21	50	561452	110.376	ug/l	98
4) Vinyl Chloride	2.36	62	859816	111.842	ug/l	98
5) Bromomethane	2.77	94	532486	106.124	ug/l	98
6) Chloroethane	2.92	64	513848	111.504	ug/l	100
7) Trichlorofluoromethane	3.25	101	483494	104.218	ug/l	96
8) Diethyl Ether	3.68	74	440070	113.044	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	821994	106.811	ug/l	99
10) Methyl Iodide	4.27	142	1274302	102.989	ug/l	100
11) Tert butyl alcohol	5.16	59	292083	667.106	ug/l	100
12) 1,1-Dichloroethene	4.04	96	873144	109.590	ug/l	97
13) Acrolein	3.89	56	330078	669.609	ug/l	98
14) Allyl chloride	4.66	41	1352430	110.261	ug/l	99
15) Acrylonitrile	5.36	53	1005870	609.326	ug/l	99
16) Acetone	4.11	43	1049183	692.171	ug/l	99
17) Carbon Disulfide	4.39	76	2653581	115.093	ug/l	97
18) Methyl Acetate	4.66	43	499699	120.526	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	1060563	109.306	ug/l	100
20) Methylene Chloride	4.91	84	874879	97.932	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	920491	107.699	ug/l	96
22) Diisopropyl ether	6.31	45	2471282	110.120	ug/l	99
23) Vinyl Acetate	6.25	43	7666084	577.410	ug/l	99
24) 1,1-Dichloroethane	6.21	63	1567243	110.569	ug/l	99
25) 2-Butanone	7.17	43	1367403	629.600	ug/l	100
26) 2,2-Dichloropropane	7.16	77	808084	99.409	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	979583	108.102	ug/l	100
28) Bromochloromethane	7.51	49	638152	134.207	ug/l	100
29) Tetrahydrofuran	7.52	42	833232	618.967	ug/l	99
30) Chloroform	7.67	83	1465144	105.246	ug/l	100
31) Cyclohexane	7.95	56	1550451	104.609	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	1181218	107.733	ug/l	99
36) 1,1-Dichloropropene	8.08	75	1252650	100.258	ug/l	99
37) Ethyl Acetate	7.24	43	562439	111.051	ug/l	98
38) Carbon Tetrachloride	8.07	117	1107979	99.085	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	1667883	103.857	ug/l	99
40) Benzene	8.32	78	3563564	100.933	ug/l	100
41) Methacrylonitrile	7.48	41	358823	115.815	ug/l	89
42) 1,2-Dichloroethane	8.40	62	913455	101.820	ug/l	100
43) Isopropyl Acetate	8.42	43	1055759	111.117	ug/l	99
44) Trichloroethene	9.09	130	979386	97.993	ug/l	93
45) 1,2-Dichloropropane	9.37	63	875156	103.275	ug/l	98
46) Dibromomethane	9.45	93	430899	103.647	ug/l	99
47) Bromodichloromethane	9.64	83	1095519	103.293	ug/l	98
48) Methyl methacrylate	9.43	41	522855	111.442	ug/l	99
49) 1,4-Dioxane	9.44	88	162483	2455.065	ug/l	100
51) 4-Methyl-2-Pentanone	10.21	43	2684836	559.430	ug/l	99
52) Toluene	10.38	92	2263845	99.813	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	1160865	107.357	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	1397707	105.175	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	627038	101.324	ug/l	98
56) Ethyl methacrylate	10.64	69	878906	111.971	ug/l	100
57) 1,3-Dichloropropane	10.93	76	1108457	104.355	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	1550476	462.823	ug/l	99
59) 2-Hexanone	10.96	43	1917448	580.591	ug/l	99
60) Dibromochloromethane	11.13	129	740262	102.077	ug/l	99
61) 1,2-Dibromoethane	11.23	107	603866	102.988	ug/l	99
64) Tetrachloroethene	10.86	164	817735	92.669	ug/l	97
65) Chlorobenzene	11.65	112	2337360	97.617	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	797792	95.911	ug/l	99
67) Ethyl Benzene	11.73	91	4253506	98.550	ug/l	100
68) m/p-Xylenes	11.84	106	3248363	194.995	ug/l	98
69) o-Xylene	12.16	106	1518213	99.138	ug/l	100
70) Styrene	12.18	104	2596529	98.909	ug/l	100
71) Bromoform	12.35	173	443526	100.084	ug/l #	99
73) Isopropylbenzene	12.46	105	4168836	103.920	ug/l	99
74) N-amyl acetate	12.27	43	962222	118.622	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	721798	109.603	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	550688m	126.715	ug/l	
77) Bromobenzene	12.74	156	949112	99.352	ug/l	99
78) n-propylbenzene	12.80	91	4887495	105.053	ug/l	100
79) 2-Chlorotoluene	12.89	91	2728757	104.244	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	3490476	103.420	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	251685	114.153	ug/l	99
82) 4-Chlorotoluene	12.99	91	2843773	103.840	ug/l	100
83) tert-Butylbenzene	13.20	119	3083027	102.969	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	3466029	103.921	ug/l	100
85) sec-Butylbenzene	13.38	105	4251126	103.635	ug/l	100
86) p-Isopropyltoluene	13.50	119	3866311	101.508	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	1857265	100.523	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	1809367	98.386	ug/l	100
89) n-Butylbenzene	13.82	91	3642250	105.419	ug/l	99
90) Hexachloroethane	14.09	117	682265	103.157	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	1619209	100.693	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	114949	113.656	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	1150720	98.936	ug/l	98
94) Hexachlorobutadiene	15.23	225	731541	93.735	ug/l	97
95) Naphthalene	15.36	128	2076200	110.901	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	994338	98.862	ug/l	99

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

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