

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010320\
 Data File : VW014501.D
 Acq On : 03 Jan 2020 16:19
 Operator : SY/VA
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICSVW010320

Manual Integrations
 APPROVED

apatel
 1/6/2020 10:43:27 AM

Quant Time: Jan 06 00:49:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 03 16:07:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	843518	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1269257	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1074407	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	528957	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	369851	50.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.30%	
35) Dibromofluoromethane	7.88	113	372731	51.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.76%	
50) Toluene-d8	10.32	98	1584912	52.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.70%	
62) 4-Bromofluorobenzene	12.62	95	529256	51.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	243352	51.096	ug/l	100
3) Chloromethane	2.21	50	286472	49.141	ug/l	96
4) Vinyl Chloride	2.36	62	440734	51.401	ug/l	99
5) Bromomethane	2.77	94	281683	53.180	ug/l	98
6) Chloroethane	2.92	64	260102	53.215	ug/l	100
7) Trichlorofluoromethane	3.25	101	250081	58.293	ug/l	96
8) Diethyl Ether	3.68	74	220605	51.682	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	422115	52.660	ug/l	99
10) Methyl Iodide	4.26	142	622119	51.438	ug/l	99
11) Tert butyl alcohol	5.16	59	154441	273.779	ug/l	100
12) 1,1-Dichloroethene	4.04	96	443320	52.812	ug/l	98
13) Acrolein	3.88	56	167163	259.693	ug/l	100
14) Allyl chloride	4.66	41	698503	54.452	ug/l	99
15) Acrylonitrile	5.35	53	495425	253.920	ug/l	100
16) Acetone	4.11	43	561303	269.539	ug/l	99
17) Carbon Disulfide	4.38	76	1335211	52.775	ug/l	98
18) Methyl Acetate	4.66	43	247656	49.242	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	543504	52.160	ug/l	98
20) Methylene Chloride	4.91	84	448925	53.626	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	468801	52.596	ug/l	96
22) Diisopropyl ether	6.31	45	1254537	52.250	ug/l	99
23) Vinyl Acetate	6.24	43	3841038	264.921	ug/l	100
24) 1,1-Dichloroethane	6.21	63	789505	52.128	ug/l	99
25) 2-Butanone	7.16	43	670236	250.793	ug/l	98
26) 2,2-Dichloropropane	7.16	77	433076	51.648	ug/l	100
27) cis-1,2-Dichloroethene	7.16	96	492955	52.634	ug/l	99
28) Bromochloromethane	7.51	49	314997	53.050	ug/l	98
29) Tetrahydrofuran	7.52	42	408138	246.518	ug/l	99
30) Chloroform	7.67	83	730669	51.590	ug/l	99
31) Cyclohexane	7.95	56	796368	50.596	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	601816	52.834	ug/l	99
36) 1,1-Dichloropropene	8.08	75	647512	52.918	ug/l	100
37) Ethyl Acetate	7.24	43	279258	50.321	ug/l	98
38) Carbon Tetrachloride	8.06	117	564023	53.131	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	849345	54.089	ug/l	99
40) Benzene	8.32	78	1794257	51.826	ug/l	100
41) Methacrylonitrile	7.48	41	155941	50.409	ug/l	99
42) 1,2-Dichloroethane	8.40	62	454629	50.602	ug/l	100
43) Isopropyl Acetate	8.42	43	506288	50.240	ug/l	100
44) Trichloroethene	9.09	130	491178	52.431	ug/l	96
45) 1,2-Dichloropropane	9.37	63	438052	51.563	ug/l	96
46) Dibromomethane	9.45	93	212949	50.775	ug/l	99
47) Bromodichloromethane	9.64	83	540936	52.242	ug/l	99
48) Methyl methacrylate	9.43	41	251839	51.185	ug/l	99
49) 1,4-Dioxane	9.44	88	82297	1049.141	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	1320053	252.247	ug/l	99
52) Toluene	10.38	92	1147537	52.687	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	572180	53.371	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	695788	53.102	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	315144	51.450	ug/l	98
56) Ethyl methacrylate	10.64	69	422022	53.015	ug/l	99
57) 1,3-Dichloropropane	10.93	76	552148	51.290	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	630942	260.612	ug/l	100
59) 2-Hexanone	10.96	43	930988	258.169	ug/l	100
60) Dibromochloromethane	11.13	129	362856	52.503	ug/l	100
61) 1,2-Dibromoethane	11.23	107	296938	51.071	ug/l	99
64) Tetrachloroethene	10.86	164	406433	52.252	ug/l	98
65) Chlorobenzene	11.65	112	1161779	52.781	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.72	131	399893	53.959	ug/l	99
67) Ethyl Benzene	11.72	91	2138360	53.907	ug/l	97
68) m/p-Xylenes	11.83	106	1627369	107.192	ug/l	100
69) o-Xylene	12.16	106	756029	53.911	ug/l	100
70) Styrene	12.18	104	1281397	54.022	ug/l	100
71) Bromoform	12.35	173	210807	52.149	ug/l	# 100
73) Isopropylbenzene	12.46	105	2103537	54.198	ug/l	100
74) N-amyl acetate	12.27	43	463463	53.256	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	356051	50.825	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	265987m	53.185	ug/l	
77) Bromobenzene	12.74	156	471431	52.297	ug/l	100
78) n-propylbenzene	12.80	91	2479579	54.330	ug/l	100
79) 2-Chlorotoluene	12.89	91	1380153	53.140	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	1768275	54.261	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	118820	52.934	ug/l	98
82) 4-Chlorotoluene	12.99	91	1426582	52.869	ug/l	100
83) tert-Butylbenzene	13.21	119	1556383	54.549	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	1748602	53.920	ug/l	100
85) sec-Butylbenzene	13.38	105	2141719	54.230	ug/l	99
86) p-Isopropyltoluene	13.49	119	1958662	54.411	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	922569	52.630	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	918126	53.053	ug/l	99
89) n-Butylbenzene	13.82	91	1854348	55.472	ug/l	99
90) Hexachloroethane	14.09	117	341253	54.266	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	811283	52.657	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.48	75	57254	51.609	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	589516	56.661	ug/l	99
94) Hexachlorobutadiene	15.24	225	373744	53.604	ug/l	97
95) Naphthalene	15.36	128	1017279	57.331	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	507981	56.013	ug/l	99

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

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