

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012420\
 Data File : VW014742.D
 Acq On : 24 Jan 2020 13:23
 Operator : SY/VA
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICSVW012420

Manual Integrations
 APPROVED

MMDadoda
 1/27/2020 12:06:25 PM

Quant Time: Jan 24 13:50:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012420S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 24 13:12:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.94	168	691833	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1039948	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	888632	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	430185	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	322532	48.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.80%	
35) Dibromofluoromethane	7.88	113	296451	48.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.94%	
50) Toluene-d8	10.32	98	1250533	50.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.20%	
62) 4-Bromofluorobenzene	12.62	95	415987	49.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	226587	52.897	ug/l	99
3) Chloromethane	2.21	50	279577	45.851	ug/l	99
4) Vinyl Chloride	2.36	62	422699	45.639	ug/l	100
5) Bromomethane	2.77	94	249403	48.334	ug/l	97
6) Chloroethane	2.92	64	238665	46.502	ug/l	97
7) Trichlorofluoromethane	3.25	101	234158	52.661	ug/l	99
8) Diethyl Ether	3.67	74	172379	49.181	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	336388	47.832	ug/l	100
10) Methyl Iodide	4.26	142	464417	47.719	ug/l	98
11) Tert butyl alcohol	5.15	59	117730	245.890	ug/l	99
12) 1,1-Dichloroethene	4.03	96	344356	48.264	ug/l	99
13) Acrolein	3.89	56	134303	251.758	ug/l	98
14) Allyl chloride	4.66	41	592576	50.568	ug/l	99
15) Acrylonitrile	5.35	53	418057	251.306	ug/l	100
16) Acetone	4.11	43	498407	297.623	ug/l	99
17) Carbon Disulfide	4.38	76	1097578	48.248	ug/l	100
18) Methyl Acetate	4.66	43	182646	48.720	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	447771	50.142	ug/l	99
20) Methylene Chloride	4.90	84	355830	49.305	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	368784	48.745	ug/l	97
22) Diisopropyl ether	6.30	45	1061454	49.319	ug/l	97
23) Vinyl Acetate	6.24	43	3264114	255.825	ug/l	100
24) 1,1-Dichloroethane	6.21	63	649071	48.029	ug/l	99
25) 2-Butanone	7.16	43	575311	261.016	ug/l	99
26) 2,2-Dichloropropane	7.15	77	369077	49.006	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	381924	49.319	ug/l	100
28) Bromochloromethane	7.51	49	253093	48.548	ug/l	98
29) Tetrahydrofuran	7.52	42	345410	247.739	ug/l	99
30) Chloroform	7.67	83	596577	47.805	ug/l	98
31) Cyclohexane	7.95	56	662950	47.807	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	494126	48.765	ug/l	98
36) 1,1-Dichloropropene	8.07	75	521138	49.418	ug/l	99
37) Ethyl Acetate	7.24	43	235099	50.157	ug/l	99
38) Carbon Tetrachloride	8.06	117	452963	49.319	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	662009	52.169	ug/l	99
40) Benzene	8.32	78	1436733	48.786	ug/l	99
41) Methacrylonitrile	7.48	41	140293	54.701	ug/l	97
42) 1,2-Dichloroethane	8.40	62	381956	48.266	ug/l	99
43) Isopropyl Acetate	8.42	43	422535	49.794	ug/l	99
44) Trichloroethene	9.09	130	373634	49.720	ug/l	99
45) 1,2-Dichloropropane	9.37	63	356290	48.768	ug/l	100
46) Dibromomethane	9.45	93	166607	48.117	ug/l	98
47) Bromodichloromethane	9.64	83	432200	48.780	ug/l	97
48) Methyl methacrylate	9.43	41	214821	53.712	ug/l	94
49) 1,4-Dioxane	9.44	88	68514	1092.485	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	1117140	252.845	ug/l	100
52) Toluene	10.38	92	891234	49.570	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	451782	51.215	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	552257	51.108	ug/l	99
55) 1,1,2-Trichloroethane	10.78	97	243073	49.049	ug/l	97
56) Ethyl methacrylate	10.64	69	330981	51.822	ug/l	98
57) 1,3-Dichloropropane	10.93	76	441337	49.672	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	559733	272.577	ug/l	99
59) 2-Hexanone	10.96	43	807251	271.132	ug/l	100
60) Dibromochloromethane	11.12	129	274419	49.547	ug/l	96
61) 1,2-Dibromoethane	11.23	107	226948	48.951	ug/l	100
64) Tetrachloroethene	10.86	164	307494	49.968	ug/l	97
65) Chlorobenzene	11.65	112	893694	49.707	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	301520	49.517	ug/l	99
67) Ethyl Benzene	11.73	91	1681175	51.325	ug/l	99
68) m/p-Xylenes	11.83	106	1256240	101.456	ug/l	99
69) o-Xylene	12.16	106	577148	51.648	ug/l	100
70) Styrene	12.18	104	993346	51.713	ug/l	99
71) Bromoform	12.35	173	156782	50.256	ug/l	99
73) Isopropylbenzene	12.46	105	1616253	52.948	ug/l	98
74) N-amyl acetate	12.27	43	378042	51.999	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	278584	49.999	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	212443m	49.740	ug/l	
77) Bromobenzene	12.74	156	350787	49.976	ug/l	96
78) n-propylbenzene	12.80	91	1941961	52.224	ug/l	100
79) 2-Chlorotoluene	12.89	91	1073147	50.967	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	1347931	51.910	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	95034	52.660	ug/l	98
82) 4-Chlorotoluene	12.99	91	1122478	50.982	ug/l	99
83) tert-Butylbenzene	13.20	119	1176152	52.352	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	1348905	51.983	ug/l	100
85) sec-Butylbenzene	13.38	105	1651237	52.194	ug/l	100
86) p-Isopropyltoluene	13.49	119	1505870	52.546	ug/l	100
87) 1,3-Dichlorobenzene	13.49	146	694604	49.866	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	684061	49.822	ug/l	100
89) n-Butylbenzene	13.82	91	1449724	53.033	ug/l	100
90) Hexachloroethane	14.09	117	258695	50.875	ug/l	97
91) 1,2-Dichlorobenzene	13.86	146	612955	50.170	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.48	75	45748	50.674	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	427804	55.079	ug/l	97
94) Hexachlorobutadiene	15.23	225	266513	50.297	ug/l	98
95) Naphthalene	15.36	128	736644	51.088	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	358579	53.931	ug/l	99

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

