

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041520\
 Data File : VW015202.D
 Acq On : 15 Apr 2020 14:45
 Operator : SY/VA
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW041520

Quant Time: Apr 16 04:29:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W041520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 15 14:44:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.94	168	588384	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1008882	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	876722	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	401867	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	274877	49.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.82%	
35) Dibromofluoromethane	7.88	113	286563	51.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.72%	
50) Toluene-d8	10.32	98	1178974	52.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.04%	
62) 4-Bromofluorobenzene	12.62	95	412273	51.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	198931	53.364	ug/l	97
3) Chloromethane	2.21	50	255019	49.116	ug/l	99
4) Vinyl Chloride	2.36	62	335076	54.803	ug/l	99
5) Bromomethane	2.78	94	174663	54.264	ug/l	94
6) Chloroethane	2.92	64	160505	53.218	ug/l	98
7) Trichlorofluoromethane	3.26	101	212618	54.269	ug/l	99
8) Diethyl Ether	3.68	74	158223	52.385	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.07	101	322011	54.084	ug/l	100
10) Methyl Iodide	4.27	142	467738	52.607	ug/l	100
11) Tert butyl alcohol	5.18	59	88012	213.098	ug/l	99
12) 1,1-Dichloroethene	4.04	96	328489	53.570	ug/l	98
13) Acrolein	3.89	56	98992	230.547	ug/l	99
14) Allyl chloride	4.67	41	487092	53.698	ug/l	99
15) Acrylonitrile	5.36	53	312795	246.760	ug/l	99
16) Acetone	4.12	43	267682	270.130	ug/l	98
17) Carbon Disulfide	4.38	76	1014079	54.336	ug/l	99
18) Methyl Acetate	4.67	43	147361	48.630	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	409269	50.963	ug/l	100
20) Methylene Chloride	4.91	84	321626	46.867	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	345394	53.386	ug/l	99
22) Diisopropyl ether	6.31	45	948008	51.819	ug/l	98
23) Vinyl Acetate	6.25	43	2722193	256.219	ug/l	100
24) 1,1-Dichloroethane	6.21	63	577739	53.117	ug/l	98
25) 2-Butanone	7.17	43	389287	245.491	ug/l	100
26) 2,2-Dichloropropane	7.16	77	379091	52.370	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	370214	53.081	ug/l	99
28) Bromochloromethane	7.51	49	237478	52.241	ug/l	99
29) Tetrahydrofuran	7.52	42	249104	239.646	ug/l	99
30) Chloroform	7.67	83	554173	52.013	ug/l	98
31) Cyclohexane	7.95	56	595627	51.231	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	477196	53.167	ug/l	99
36) 1,1-Dichloropropene	8.08	75	476625	52.883	ug/l	100
37) Ethyl Acetate	7.24	43	178886	47.689	ug/l	99
38) Carbon Tetrachloride	8.07	117	433842	52.356	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	653379	53.947	ug/l	97
40) Benzene	8.32	78	1338093	52.285	ug/l	97
41) Methacrylonitrile	7.48	41	107199	48.299	ug/l	99
42) 1,2-Dichloroethane	8.40	62	333544	51.351	ug/l	100
43) Isopropyl Acetate	8.42	43	367029	50.069	ug/l	99
44) Trichloroethene	9.09	130	350319	52.095	ug/l	96
45) 1,2-Dichloropropane	9.37	63	331843	52.702	ug/l	97
46) Dibromomethane	9.46	93	161087	51.191	ug/l	99
47) Bromodichloromethane	9.64	83	419676	51.438	ug/l	99
48) Methyl methacrylate	9.43	41	174772	50.973	ug/l	100
49) 1,4-Dioxane	9.46	88	47714	955.724	ug/l #	83
51) 4-Methyl-2-Pentanone	10.21	43	884978	228.259	ug/l	100
52) Toluene	10.38	92	855044	52.196	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	435813	52.502	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	527378	52.662	ug/l	98
55) 1,1,2-Trichloroethane	10.78	97	225079	50.479	ug/l	99
56) Ethyl methacrylate	10.64	69	310591	50.549	ug/l	97
57) 1,3-Dichloropropane	10.93	76	400552	51.111	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	766364	252.014	ug/l	100
59) 2-Hexanone	10.96	43	609362	250.429	ug/l	100
60) Dibromochloromethane	11.13	129	269016	50.566	ug/l	99
61) 1,2-Dibromoethane	11.23	107	216567	50.398	ug/l	99
64) Tetrachloroethene	10.86	164	272132	52.843	ug/l	99
65) Chlorobenzene	11.65	112	858379	52.034	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	297610	52.196	ug/l	99
67) Ethyl Benzene	11.73	91	1668943	53.590	ug/l	99
68) m/p-Xylenes	11.83	106	1255313	106.215	ug/l	100
69) o-Xylene	12.16	106	585031	52.814	ug/l	99
70) Styrene	12.18	104	988118	52.802	ug/l	99
71) Bromoform	12.35	173	144678	51.093	ug/l #	98
73) Isopropylbenzene	12.46	105	1600659	53.409	ug/l	100
74) N-amyl acetate	12.27	43	352315	50.571	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	253271	50.438	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	149672m	43.508	ug/l	
77) Bromobenzene	12.74	156	323736	52.140	ug/l	98
78) n-propylbenzene	12.80	91	1961578	54.273	ug/l	100
79) 2-Chlorotoluene	12.89	91	1066167	53.362	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	1353695	53.643	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	91699	51.572	ug/l	99
82) 4-Chlorotoluene	12.99	91	1133794	53.712	ug/l	99
83) tert-Butylbenzene	13.20	119	1177132	53.797	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	1350950	53.862	ug/l	100
85) sec-Butylbenzene	13.38	105	1689338	54.324	ug/l	99
86) p-Isopropyltoluene	13.49	119	1505764	54.266	ug/l	100
87) 1,3-Dichlorobenzene	13.49	146	658101	53.202	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	649952	52.962	ug/l	99
89) n-Butylbenzene	13.82	91	1520363	55.424	ug/l	99
90) Hexachloroethane	14.09	117	291304	54.603	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	579214	52.666	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.48	75	41294	50.790	ug/l	99

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93) 1,2,4-Trichlorobenzene	15.13	180	403612	55.618	ug/l	100
94) Hexachlorobutadiene	15.23	225	233586	55.792	ug/l	99
95) Naphthalene	15.36	128	792497	56.767	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	356208	57.197	ug/l	97

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

