

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW050720\
 Data File : VW015420.D
 Acq On : 07 May 2020 15:58
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 08 07:36:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W050620S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 05 18:41:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	190448	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	306621	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	275831	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	138840	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	108549	51.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.70%	
35) Dibromofluoromethane	7.88	113	90357	51.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.68%	
50) Toluene-d8	10.32	98	370275	50.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.68%	
62) 4-Bromofluorobenzene	12.61	95	138796	51.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	59152	53.722	ug/l	98
3) Chloromethane	2.21	50	69139	50.157	ug/l	99
4) Vinyl Chloride	2.37	62	106475	51.004	ug/l	98
5) Bromomethane	2.78	94	73835	45.147	ug/l	96
6) Chloroethane	2.93	64	69073	48.015	ug/l	98
7) Trichlorofluoromethane	3.26	101	78700	51.397	ug/l	99
8) Diethyl Ether	3.68	74	51085	53.389	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	94240	53.092	ug/l	99
10) Methyl Iodide	4.27	142	137247	51.098	ug/l	99
11) Tert butyl alcohol	5.17	59	45412	376.166	ug/l	99
12) 1,1-Dichloroethene	4.04	96	94528	51.353	ug/l	95
13) Acrolein	3.89	56	47587	308.677	ug/l	99
14) Allyl chloride	4.67	41	165968	51.459	ug/l	100
15) Acrylonitrile	5.37	53	125517	322.310	ug/l	99
16) Acetone	4.12	43	121050	372.204	ug/l	99
17) Carbon Disulfide	4.38	76	290928	51.545	ug/l	99
18) Methyl Acetate	4.67	43	53843	62.364	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	166628	56.340	ug/l	97
20) Methylene Chloride	4.91	84	99643	46.958	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	107105	51.258	ug/l	98
22) Diisopropyl ether	6.31	45	322087	51.105	ug/l	98
23) Vinyl Acetate	6.26	43	1085206	283.256	ug/l	99
24) 1,1-Dichloroethane	6.21	63	190930	50.533	ug/l	99
25) 2-Butanone	7.17	43	169980	335.317	ug/l	97
26) 2,2-Dichloropropane	7.16	77	129287	51.627	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	114694	50.550	ug/l	100
28) Bromochloromethane	7.51	49	76367	50.267	ug/l	99
29) Tetrahydrofuran	7.53	42	110899	332.419	ug/l	99
30) Chloroform	7.68	83	186870	49.778	ug/l	100
31) Cyclohexane	7.96	56	190265	49.596	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	165230	52.368	ug/l	100
36) 1,1-Dichloropropene	8.08	75	160784	53.372	ug/l	99
37) Ethyl Acetate	7.26	43	78278	66.967	ug/l	99
38) Carbon Tetrachloride	8.07	117	150618	53.481	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	204425	53.608	ug/l	97
40) Benzene	8.32	78	428635	52.170	ug/l	100
41) Methacrylonitrile	7.49	41	43924	59.473	ug/l	96
42) 1,2-Dichloroethane	8.40	62	138773	55.454	ug/l	100
43) Isopropyl Acetate	8.43	43	154334	62.780	ug/l	98
44) Trichloroethene	9.09	130	111617	52.415	ug/l	97
45) 1,2-Dichloropropane	9.37	63	105284	51.873	ug/l	100
46) Dibromomethane	9.46	93	56639	56.107	ug/l	98
47) Bromodichloromethane	9.65	83	146786	53.354	ug/l	97
48) Methyl methacrylate	9.43	41	70532	62.113	ug/l	98
49) 1,4-Dioxane	9.44	88	20056	1578.716	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	382488	331.995	ug/l	99
52) Toluene	10.39	92	275549	51.608	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	156164	55.611	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	176107	53.261	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	79081	55.398	ug/l	96
56) Ethyl methacrylate	10.65	69	117335	59.823	ug/l	99
57) 1,3-Dichloropropane	10.93	76	143988	56.101	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	280659	294.129	ug/l	100
59) 2-Hexanone	10.97	43	267223	342.797	ug/l	100
60) Dibromochloromethane	11.13	129	96584	56.257	ug/l	98
61) 1,2-Dibromoethane	11.24	107	78650	58.189	ug/l	99
64) Tetrachloroethene	10.86	164	91405	54.215	ug/l	95
65) Chlorobenzene	11.66	112	282670	51.976	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	102588	53.204	ug/l	97
67) Ethyl Benzene	11.73	91	548316	52.675	ug/l	97
68) m/p-Xylenes	11.84	106	410222	105.995	ug/l	99
69) o-Xylene	12.16	106	191661	52.700	ug/l	99
70) Styrene	12.18	104	338409	54.027	ug/l	99
71) Bromoform	12.35	173	57033	60.651	ug/l #	99
73) Isopropylbenzene	12.46	105	533535	51.473	ug/l	99
74) N-amyl acetate	12.27	43	146856	59.937	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	99237	61.200	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	67813m	59.373	ug/l	
77) Bromobenzene	12.74	156	112305	51.126	ug/l	95
78) n-propylbenzene	12.80	91	647216	52.044	ug/l	99
79) 2-Chlorotoluene	12.89	91	364315	51.970	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	454316	52.035	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	36135	62.579	ug/l	99
82) 4-Chlorotoluene	12.99	91	389790	52.468	ug/l	100
83) tert-Butylbenzene	13.21	119	393590	52.831	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	456468	52.261	ug/l	98
85) sec-Butylbenzene	13.38	105	555646	52.935	ug/l	100
86) p-Isopropyltoluene	13.50	119	505899	52.843	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	226635	51.796	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	226113	52.179	ug/l	99
89) n-Butylbenzene	13.82	91	495041	52.820	ug/l	99
90) Hexachloroethane	14.09	117	91184	51.686	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	202880	53.550	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	18229	64.395	ug/l	98

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93) 1,2,4-Trichlorobenzene	15.13	180	139091	54.625	ug/l	99
94) Hexachlorobutadiene	15.24	225	81105	53.752	ug/l	97
95) Naphthalene	15.36	128	278755	61.117	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	121357	55.469	ug/l	99

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

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