

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041520\
 Data File : VW015208.D
 Acq On : 15 Apr 2020 17:57
 Operator : SY/VA
 Sample : L2244-08
 Misc : 7.35G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-23-22

Quant Time: Apr 16 04:25:29 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	7.95	168	4478	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	6459	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	3804	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	897	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	4382	103.49	ug/l	0.00
Spiked Amount			Recovery	=	206.98%	
35) Dibromofluoromethane	7.88	113	3273	91.63	ug/l	0.00
Spiked Amount			Recovery	=	183.26%	
50) Toluene-d8	10.33	98	8415	58.00	ug/l	0.00
Spiked Amount			Recovery	=	116.00%	
62) 4-Bromofluorobenzene	12.62	95	1745	34.34	ug/l	0.00
Spiked Amount			Recovery	=	68.68%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	88	5.112	ug/l #	40
3) Chloromethane	2.22	50	394	9.971	ug/l #	82
4) Vinyl Chloride	2.33	62	203	4.362	ug/l #	1
5) Bromomethane	2.79	94	108	4.409	ug/l #	23
6) Chloroethane	2.97	64	39	1.699	ug/l #	1
8) Diethyl Ether	3.43	74	47	2.045	ug/l	93
11) Tert butyl alcohol	5.20	59	43	13.680	ug/l #	72
13) Acrolein	3.89	56	220	67.322	ug/l #	42
14) Allyl chloride	4.66	41	523	7.576	ug/l #	59
15) Acrylonitrile	5.37	53	22	2.280	ug/l #	1
16) Acetone	4.14	43	2183	289.457	ug/l	97
17) Carbon Disulfide	4.40	76	174	1.225	ug/l #	76
18) Methyl Acetate	4.68	43	340	14.743	ug/l #	49
19) Methyl tert-butyl Ether	5.42	73	68	1.113	ug/l #	54
20) Methylene Chloride	4.93	84	163	3.121	ug/l #	35
23) Vinyl Acetate	6.27	43	432	5.343	ug/l #	70
25) 2-Butanone	7.18	43	331	27.426	ug/l #	48
26) 2,2-Dichloropropane	7.17	77	66	1.198	ug/l #	52
27) cis-1,2-Dichloroethene	7.24	96	93	1.752	ug/l	23
28) Bromochloromethane	7.54	49	66	1.908	ug/l #	8
29) Tetrahydrofuran	7.52	42	218	27.556	ug/l #	61
31) Cyclohexane	7.93	56	413	4.668	ug/l #	17
36) 1,1-Dichloropropene	7.96	75	377	6.534	ug/l #	60
37) Ethyl Acetate	7.25	43	283	11.784	ug/l #	88
40) Benzene	8.33	78	288	1.758	ug/l #	85
41) Methacrylonitrile	7.49	41	344	24.209	ug/l #	37
43) Isopropyl Acetate	8.41	43	197	4.198	ug/l #	50
44) Trichloroethene	9.35	130	49	1.138	ug/l	1
45) 1,2-Dichloropropane	9.38	63	62	1.538	ug/l #	43
46) Dibromomethane	9.47	93	69	3.425	ug/l #	1
48) Methyl methacrylate	9.41	41	378	17.220	ug/l #	44
49) 1,4-Dioxane	9.48	88	23	71.960	ug/l #	1
51) 4-Methyl-2-Pentanone	10.15	43	413	16.639	ug/l	98
52) Toluene	10.41	92	153	1.459	ug/l #	54

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53) t-1,3-Dichloropropene	10.62	75	87	1.637	ug/l #	43
55) 1,1,2-Trichloroethane	10.77	97	30	1.051	ug/l #	15
56) Ethyl methacrylate	10.63	69	101	2.568	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.98	63	76	3.904	ug/l #	47
59) 2-Hexanone	10.91	43	120	7.703	ug/l	95
61) 1,2-Dibromoethane	11.13	107	115	4.180	ug/l #	3
66) 1,1,1,2-Tetrachloroethane	11.71	131	53	2.142	ug/l #	1
68) m/p-Xylenes	11.85	106	120	2.340	ug/l	96
70) Styrene	12.19	104	155	1.909	ug/l #	54
73) Isopropylbenzene	12.46	105	200	2.990	ug/l #	47
74) N-amyl acetate	12.26	43	225	14.469	ug/l #	9
75) 1,1,2,2-Tetrachloroethane	12.71	83	143	12.758	ug/l #	55
76) 1,2,3-Trichloropropane	12.76	75	27	3.516	ug/l #	100
78) n-propylbenzene	12.81	91	389	4.822	ug/l #	53
79) 2-Chlorotoluene	12.77	91	68	1.525	ug/l	93
80) 1,3,5-Trimethylbenzene	12.95	105	69	1.225	ug/l #	27
81) trans-1,4-Dichloro-2-buten	12.52	75	66	16.630	ug/l #	49
82) 4-Chlorotoluene	12.77	91	68	1.443	ug/l	93
83) tert-Butylbenzene	13.21	119	301	6.163	ug/l #	81
84) 1,2,4-Trimethylbenzene	13.25	105	351	6.270	ug/l #	45
85) sec-Butylbenzene	13.38	105	605	8.716	ug/l #	77
86) p-Isopropyltoluene	13.50	119	266	4.295	ug/l #	23
87) 1,3-Dichlorobenzene	13.50	146	137	4.962	ug/l #	37
88) 1,4-Dichlorobenzene	13.60	146	147	5.367	ug/l #	59
89) n-Butylbenzene	13.83	91	415	6.778	ug/l #	35
90) Hexachloroethane	13.82	117	58	4.871	ug/l	74
91) 1,2-Dichlorobenzene	13.87	146	68	2.770	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	14.47	75	37	20.388	ug/l #	2
93) 1,2,4-Trichlorobenzene	15.13	180	152	9.384	ug/l #	35
94) Hexachlorobutadiene	15.24	225	119	12.734	ug/l #	31
95) Naphthalene	15.38	128	398	12.772	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.55	180	118	8.489	ug/l #	1

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

