

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW093019\
 Data File : VW013357.D
 Acq On : 01 Oct 2019 03:23
 Operator : SY/VA
 Sample : K4946-08
 Misc : 6.51G/5ML/MSVOA W/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GP-4 (1-3)

Quant Time: Oct 01 05:43:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092019S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 20 15:58:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.87	168	4944	50.00	ug/l	-0.08
34) 1,4-Difluorobenzene	8.90	114	163	50.00	ug/l	0.06
63) Chlorobenzene-d5	11.80	117	440854	50.00	ug/l	0.18
72) 1,4-Dichlorobenzene-d4	13.60	152	100804	50.00	ug/l	0.04
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	7009	173.70	ug/l	-0.14
Spiked Amount	50.000		Recovery	=	347.40%	
35) Dibromofluoromethane	8.03	113	3943	4398.21	ug/l	0.15
Spiked Amount	50.000		Recovery	=	8796.42%	
50) Toluene-d8	10.66	98	514998	137260.88	ug/l	0.34
Spiked Amount	50.000		Recovery	=	274521.76%	
62) 4-Bromofluorobenzene	12.71	95	141332	110274.67	ug/l	0.09
Spiked Amount	50.000		Recovery	=	220549.34%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.72	94	199	6.644	ug/l #	6
6) Chloroethane	2.89	64	231	8.292	ug/l #	82
7) Trichlorofluoromethane	3.21	101	289	10.604	ug/l	96
8) Diethyl Ether	3.67	74	298	12.802	ug/l	65
9) 1,1,2-Trichlorotrifluoroet	4.04	101	296	6.671	ug/l #	16
11) Tert butyl alcohol	5.13	59	130	36.107	ug/l #	73
12) 1,1-Dichloroethene	3.98	96	143	3.112	ug/l #	43
13) Acrolein	3.89	56	341	146.807	ug/l #	55
14) Allyl chloride	4.62	41	258	3.528	ug/l #	71
15) Acrylonitrile	5.29	53	173	17.219	ug/l #	41
16) Acetone	4.07	43	1011	111.106	ug/l #	45
18) Methyl Acetate	4.63	43	348	13.605	ug/l	92
19) Methyl tert-butyl Ether	5.55	73	402	5.709	ug/l #	54
22) Diisopropyl ether	6.24	45	259	1.863	ug/l #	16
23) Vinyl Acetate	6.20	43	502	6.086	ug/l #	72
24) 1,1-Dichloroethane	6.13	63	510	6.078	ug/l #	81
25) 2-Butanone	7.10	43	287	21.011	ug/l #	86
26) 2,2-Dichloropropane	7.09	77	966	17.046	ug/l #	1
27) cis-1,2-Dichloroethene	7.04	96	313	5.973	ug/l	69
28) Bromochloromethane	7.43	49	495	15.371	ug/l #	10
29) Tetrahydrofuran	7.48	42	702	83.800	ug/l #	53
30) Chloroform	7.66	83	5583	67.963	ug/l	87
31) Cyclohexane	7.88	56	1324	15.138	ug/l #	24
32) 1,1,1-Trichloroethane	7.81	97	6296	94.630	ug/l #	49
36) 1,1-Dichloropropene	8.13	75	4265	2701.480	ug/l #	40
37) Ethyl Acetate	7.40	43	411	612.536	ug/l #	69
38) Carbon Tetrachloride	8.11	117	479	338.454	ug/l #	34
39) Methylcyclohexane	9.45	83	5657	2788.223	ug/l #	32
40) Benzene	8.44	78	850	193.021	ug/l #	1
41) Methacrylonitrile	7.52	41	1192	2976.561	ug/l #	1
42) 1,2-Dichloroethane	8.45	62	455	384.359	ug/l #	72
43) Isopropyl Acetate	8.39	43	388	301.712	ug/l #	46
44) Trichloroethene	9.03	130	58	46.943	ug/l #	1
45) 1,2-Dichloropropane	9.44	63	88540	82353.757	ug/l #	44

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.44	93	7976	15280.685	ug/l #	1
47) Bromodichloromethane	9.86	83	567	426.904	ug/l #	26
48) Methyl methacrylate	9.48	41	149	246.402	ug/l #	13
49) 1,4-Dioxane	9.44	88	72228	9218548.152	ug/l #	11
51) 4-Methyl-2-Pentanone	10.04	43	104	161.317	ug/l	88
52) Toluene	10.72	92	7358	2607.116	ug/l	93
53) t-1,3-Dichloropropene	10.68	75	112	82.078	ug/l #	43
54) cis-1,3-Dichloropropene	10.14	75	26	15.671	ug/l #	1
55) 1,1,2-Trichloroethane	10.67	97	18693	23960.041	ug/l #	1
56) Ethyl methacrylate	10.66	69	2331	2282.977	ug/l #	63
57) 1,3-Dichloropropane	11.08	76	4151	3048.984	ug/l #	1
58) 2-Chloroethyl Vinyl ether	10.00	63	25	52.890	ug/l #	45
59) 2-Hexanone	11.09	43	1439	3244.291	ug/l	88
60) Dibromochloromethane	11.13	129	213	240.440	ug/l #	11
76) 1,2,3-Trichloropropane	12.71	75	67521	75.847	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.71	75	67521	170.193	ug/l #	12

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

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