

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY122719\
 Data File : VY001106.D
 Acq On : 27 Dec 2019 18:18
 Operator : SY/MD
 Sample : K6439-06RE
 Misc : 4.67G/5ML/MSVOA Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LIED-BF003-01RE

Quant Time: Dec 28 04:05:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y122319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 23 12:07:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	774	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.69	114	862	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	1238	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	206	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	309	40.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.96%	
35) Dibromofluoromethane	7.74	113	37	7.29	ug/l	0.02
Spiked Amount	50.000		Recovery	=	14.58%	
50) Toluene-d8	10.17	98	1565	78.89	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	157.78%	
62) 4-Bromofluorobenzene	12.48	95	287	39.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.14%	

Target Compounds					Qvalue	
3) Chloromethane	2.35	50	53	5.774	ug/l #	41
7) Trichlorofluoromethane	3.09	101	45	3.442	ug/l #	19
14) Allyl chloride	4.45	41	25	1.851	ug/l #	27
16) Acetone	3.94	43	54	30.706	ug/l #	35
18) Methyl Acetate	4.41	43	51	7.559	ug/l #	49
22) Diisopropyl ether	5.96	45	43	1.575	ug/l #	37
26) 2,2-Dichloropropane	6.93	77	21	1.584	ug/l #	51
29) Tetrahydrofuran	7.39	42	43	19.567	ug/l #	31
40) Benzene	8.18	78	30	1.209	ug/l #	54
41) Methacrylonitrile	7.19	41	45	22.795	ug/l #	100
42) 1,2-Dichloroethane	8.18	62	22	3.709	ug/l #	70
43) Isopropyl Acetate	8.33	43	28	3.322	ug/l #	50
48) Methyl methacrylate	9.31	41	51	14.178	ug/l #	9
51) 4-Methyl-2-Pentanone	10.09	43	103	23.445	ug/l #	33
59) 2-Hexanone	11.06	43	76	25.000	ug/l #	20
60) Dibromochloromethane	10.80	129	19	3.714	ug/l #	10
65) Chlorobenzene	11.51	112	63	2.453	ug/l #	43
66) 1,1,1,2-Tetrachloroethane	11.58	131	23	2.714	ug/l #	8
67) Ethyl Benzene	11.59	91	68	1.472	ug/l #	43
70) Styrene	12.04	104	69	2.459	ug/l #	28
73) Isopropylbenzene	12.57	105	23	1.443	ug/l #	48
74) N-amyl acetate	12.30	43	82	19.580	ug/l #	39
76) 1,2,3-Trichloropropane	12.48	75	75	29.533	ug/l #	100
78) n-propylbenzene	12.68	91	123	6.332	ug/l #	53
79) 2-Chlorotoluene	12.68	91	123	11.466	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.81	105	69	5.281	ug/l #	27
81) trans-1,4-Dichloro-2-buten	12.48	75	75	62.986	ug/l #	19
82) 4-Chlorotoluene	12.68	91	123	11.039	ug/l #	40
83) tert-Butylbenzene	13.09	119	23	2.097	ug/l #	27
86) p-Isopropyltoluene	13.09	119	23	1.644	ug/l #	50
89) n-Butylbenzene	13.55	91	26	1.847	ug/l #	33
92) 1,2-Dibromo-3-Chloropropan	14.48	75	45	85.646	ug/l #	1
95) Naphthalene	15.22	128	19	1.884	ug/l #	1

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

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