

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY031920\
 Data File : VY002019.D
 Acq On : 19 Mar 2020 14:21
 Operator : SY/MD
 Sample : L1978-10
 Misc : 5.12G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-7A

Quant Time: Mar 20 07:58:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	4798	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	10022	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	9737	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	4197	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	3759	73.39	ug/l	0.00
Spiked Amount			Recovery	=	146.78%	
35) Dibromofluoromethane	7.74	113	3096	56.57	ug/l	-0.01
Spiked Amount			Recovery	=	113.14%	
50) Toluene-d8	10.19	98	12006	52.03	ug/l	0.00
Spiked Amount			Recovery	=	104.06%	
62) 4-Bromofluorobenzene	12.49	95	4332	53.99	ug/l	0.00
Spiked Amount			Recovery	=	107.98%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.13	50	178	2.981	ug/l #	42
5) Bromomethane	2.68	94	275	2.151	ug/l #	60
10) Methyl Iodide	4.13	142	457	7.459	ug/l #	83
15) Acrylonitrile	5.20	53	27	1.556	ug/l #	18
16) Acetone	3.96	43	541	36.263	ug/l #	42
20) Methylene Chloride	4.75	84	433	6.772	ug/l #	43
25) 2-Butanone	7.02	43	463	20.408	ug/l #	49
36) 1,1-Dichloropropene	7.81	75	464	4.811	ug/l #	42
44) Trichloroethene	8.96	130	364	5.229	ug/l	75
51) 4-Methyl-2-Pentanone	10.09	43	184	3.366	ug/l #	35
59) 2-Hexanone	10.80	43	49	1.256	ug/l #	23
68) m/p-Xylenes	11.72	106	240	1.794	ug/l	82
74) N-amyl acetate	12.13	43	1915	19.448	ug/l #	52
75) 1,1,2,2-Tetrachloroethane	12.58	83	407	5.891	ug/l #	75
76) 1,2,3-Trichloropropane	12.49	75	2208	44.337	ug/l #	100
79) 2-Chlorotoluene	12.86	91	350	1.603	ug/l	83
81) trans-1,4-Dichloro-2-buten	12.49	75	2208	89.559	ug/l #	18
82) 4-Chlorotoluene	12.86	91	350	1.539	ug/l	82
84) 1,2,4-Trimethylbenzene	13.13	105	283	1.081	ug/l #	31
88) 1,4-Dichlorobenzene	13.45	146	226	1.675	ug/l #	1
89) n-Butylbenzene	13.70	91	800	2.768	ug/l #	49
93) 1,2,4-Trichlorobenzene	15.02	180	410	5.232	ug/l #	11
94) Hexachlorobutadiene	15.12	225	72	1.884	ug/l #	19
95) Naphthalene	15.24	128	825	4.438	ug/l #	16
96) 1,2,3-Trichlorobenzene	15.62	180	183	2.651	ug/l	82

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

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