

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102519\
 Data File : VY000433.D
 Acq On : 25 Oct 2019 16:52
 Operator : SY/MD
 Sample : K5539-14
 Misc : 8.07G/5ML/MSVOA Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 164-10-(1)

Quant Time: Oct 26 01:46:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 17 02:03:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	897	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	1251	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	640	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	42	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	96	10.15	ug/l	0.00
Spiked Amount			Recovery	=	20.30%	
35) Dibromofluoromethane	0.00	113	0	0.00	ug/l	
Spiked Amount			Recovery	=	0.00%	
50) Toluene-d8	10.19	98	1240	42.72	ug/l	0.00
Spiked Amount			Recovery	=	85.44%	
62) 4-Bromofluorobenzene	12.49	95	20	1.81	ug/l	0.00
Spiked Amount			Recovery	=	3.62%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.13	50	88	8.028	ug/l #	43
6) Chloroethane	2.85	64	20	2.802	ug/l #	43
7) Trichlorofluoromethane	3.19	101	25	1.652	ug/l #	17
11) Tert butyl alcohol	4.79	59	71	71.703	ug/l #	73
13) Acrolein	3.76	56	20	17.228	ug/l #	15
14) Allyl chloride	4.48	41	27	1.798	ug/l #	24
15) Acrylonitrile	4.94	53	50	16.711	ug/l #	19
16) Acetone	4.01	43	81	26.434	ug/l #	42
18) Methyl Acetate	4.44	43	74	9.720	ug/l #	50
21) trans-1,2-Dichloroethene	5.10	96	33	3.175	ug/l #	1
22) Diisopropyl ether	6.27	45	59	1.858	ug/l #	34
23) Vinyl Acetate	6.00	43	55	2.655	ug/l #	71
25) 2-Butanone	7.16	43	23	5.328	ug/l #	48
27) cis-1,2-Dichloroethene	6.88	96	44	3.912	ug/l #	1
29) Tetrahydrofuran	7.61	42	20	7.645	ug/l #	34
30) Chloroform	7.79	83	41	2.349	ug/l #	18
31) Cyclohexane	7.78	56	42	2.320	ug/l #	15
36) 1,1-Dichloropropene	7.79	75	64	5.225	ug/l #	40
37) Ethyl Acetate	7.16	43	23	3.171	ug/l #	67
39) Methylcyclohexane	9.21	83	34	2.121	ug/l #	17
40) Benzene	8.13	78	49	1.384	ug/l #	52
41) Methacrylonitrile	7.31	41	83	24.043	ug/l #	1
42) 1,2-Dichloroethane	8.04	62	66	6.528	ug/l #	72
43) Isopropyl Acetate	8.18	43	61	4.424	ug/l #	53
47) Bromodichloromethane	9.60	83	28	2.447	ug/l #	24
48) Methyl methacrylate	9.36	41	23	3.806	ug/l #	22
51) 4-Methyl-2-Pentanone	10.13	43	96	13.498	ug/l #	36
53) t-1,3-Dichloropropene	10.49	75	124	10.111	ug/l #	42
59) 2-Hexanone	10.88	43	71	14.222	ug/l #	24
74) N-amyl acetate	12.18	43	74	92.042	ug/l #	44
76) 1,2,3-Trichloropropane	12.74	75	24	46.471	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.85	105	21	7.647	ug/l #	27
81) trans-1,4-Dichloro-2-buten	12.48	75	97	410.939	ug/l #	14
83) tert-Butylbenzene	13.27	119	50	21.501	ug/l #	26

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) 1,2,4-Trimethylbenzene	12.85	105	21	7.748	ug/l #	30
86) p-Isopropyltoluene	13.30	119	19	6.478	ug/l #	49
92) 1,2-Dibromo-3-Chloropropan	14.28	75	33	282.979	ug/l #	1

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

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