

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101619\
 Data File : VY000329.D
 Acq On : 16 Oct 2019 14:58
 Operator : SY/MD
 Sample : K5393-25
 Misc : 7.32G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 T-13-V1-(24)

Quant Time: Oct 17 01:37:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 14 08:10:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	5131	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	8986	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	7218	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	2605	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	2960	54.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.38%	
35) Dibromofluoromethane	7.72	113	509	9.39	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	18.78%	
50) Toluene-d8	10.19	98	10555	50.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.24%	
62) 4-Bromofluorobenzene	12.48	95	3452	43.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.16%	

Target Compounds					Qvalue
3) Chloromethane	2.10	50	80	1.276 ug/l #	43
4) Vinyl Chloride	2.26	62	146	2.307 ug/l #	43
12) 1,1-Dichloroethene	3.81	96	67	1.293 ug/l #	1
13) Acrolein	3.95	56	32	4.819 ug/l #	67
15) Acrylonitrile	5.18	53	24	1.402 ug/l #	19
16) Acetone	3.95	43	500	28.526 ug/l #	42
20) Methylene Chloride	4.73	84	225	Below Cal #	55
21) trans-1,2-Dichloroethene	5.13	96	75	1.261 ug/l #	1
25) 2-Butanone	7.01	43	73	2.957 ug/l #	48
29) Tetrahydrofuran	7.30	42	26	1.738 ug/l #	34
36) 1,1-Dichloropropene	7.81	75	414	4.706 ug/l #	40
38) Carbon Tetrachloride	7.80	117	798	9.368 ug/l #	14
41) Methacrylonitrile	7.28	41	90	3.630 ug/l #	18
49) 1,4-Dioxane	9.57	88	26	49.716 ug/l #	1
51) 4-Methyl-2-Pentanone	10.06	43	63	1.233 ug/l #	36
59) 2-Hexanone	10.85	43	131	3.653 ug/l #	24
67) Ethyl Benzene	11.60	91	305	1.080 ug/l #	43
68) m/p-Xylenes	11.71	106	146	1.352 ug/l #	1
69) o-Xylene	12.03	106	168	1.631 ug/l #	16
73) Isopropylbenzene	12.34	105	244	1.201 ug/l #	48
75) 1,1,2,2-Tetrachloroethane	12.59	83	56	1.468 ug/l #	25
76) 1,2,3-Trichloropropane	12.62	75	60	1.873 ug/l #	100
77) Bromobenzene	12.62	156	71	1.571 ug/l #	41
78) n-propylbenzene	12.67	91	270	1.107 ug/l #	53
79) 2-Chlorotoluene	12.77	91	207	1.537 ug/l #	61
81) trans-1,4-Dichloro-2-buten	12.48	75	1622	110.789 ug/l #	17
82) 4-Chlorotoluene	12.84	91	258	1.812 ug/l #	40
84) 1,2,4-Trimethylbenzene	13.12	105	241	1.434 ug/l #	30
86) p-Isopropyltoluene	13.37	119	210	1.154 ug/l #	29
89) n-Butylbenzene	13.70	91	464	2.581 ug/l #	84
90) Hexachloroethane	13.81	117	35	1.039 ug/l #	13
91) 1,2-Dichlorobenzene	13.73	146	182	2.258 ug/l #	41
92) 1,2-Dibromo-3-Chloropropan	14.35	75	25	3.456 ug/l #	1
93) 1,2,4-Trichlorobenzene	15.01	180	103	1.836 ug/l #	42

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	15.11	225	84	2.766	ug/l #	19
95) Naphthalene	15.24	128	1174	9.375	ug/l #	72
96) 1,2,3-Trichlorobenzene	15.42	180	194	3.836	ug/l #	40

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

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