

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102419\
 Data File : VY000410.D
 Acq On : 24 Oct 2019 15:26
 Operator : SY/MD
 Sample : K5499-10
 Misc : 4.77G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 197-74-(1)

Quant Time: Oct 25 06:40:00 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	1507	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	2078	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	1388	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.42	152	252	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.14	65	735	46.24	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	92.48%	
35) Dibromofluoromethane	7.72	113	177	14.12	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	28.24%	
50) Toluene-d8	10.18	98	2498	51.81	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.62%	
62) 4-Bromofluorobenzene	12.47	95	396	21.62	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	43.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.11	50	135	7.331	ug/l #	43
4) Vinyl Chloride	2.10	62	51	2.744	ug/l #	43
6) Chloroethane	2.69	64	19	1.584	ug/l #	43
10) Methyl Iodide	4.11	142	22	2.164	ug/l #	41
13) Acrolein	3.76	56	45	23.072	ug/l #	15
15) Acrylonitrile	5.20	53	22	4.377	ug/l #	19
16) Acetone	3.94	43	316	61.384	ug/l #	42
18) Methyl Acetate	4.60	43	27	2.111	ug/l #	50
20) Methylene Chloride	4.88	84	19	Below Cal	#	6
25) 2-Butanone	6.84	43	30	4.137	ug/l #	48
27) cis-1,2-Dichloroethene	6.97	96	30	1.588	ug/l #	1
28) Bromochloromethane	7.58	49	30	2.400	ug/l #	15
29) Tetrahydrofuran	7.42	42	64	14.562	ug/l #	34
37) Ethyl Acetate	6.84	43	30	2.490	ug/l #	67
38) Carbon Tetrachloride	7.81	117	105	5.330	ug/l #	14
41) Methacrylonitrile	7.34	41	79	13.777	ug/l #	11
43) Isopropyl Acetate	8.48	43	30	1.310	ug/l #	53
45) 1,2-Dichloropropane	9.40	63	30	2.079	ug/l #	46
48) Methyl methacrylate	9.25	41	55	5.479	ug/l #	44
51) 4-Methyl-2-Pentanone	10.08	43	83	7.025	ug/l #	36
52) Toluene	10.35	92	59	1.581	ug/l #	1
53) t-1,3-Dichloropropene	10.22	75	42	2.062	ug/l #	42
59) 2-Hexanone	10.83	43	59	7.115	ug/l #	24
60) Dibromochloromethane	11.03	129	31	2.385	ug/l #	9
65) Chlorobenzene	11.52	112	34	1.161	ug/l #	43
67) Ethyl Benzene	11.60	91	189	3.481	ug/l #	43
68) m/p-Xylenes	11.70	106	79	3.806	ug/l #	7
73) Isopropylbenzene	12.33	105	332	16.896	ug/l #	48
76) 1,2,3-Trichloropropane	12.47	75	94	30.335	ug/l #	100
77) Bromobenzene	12.68	156	39	8.920	ug/l #	1
78) n-propylbenzene	12.67	91	171	7.248	ug/l #	53
79) 2-Chlorotoluene	12.86	91	82	6.294	ug/l #	81
80) 1,3,5-Trimethylbenzene	12.81	105	117	7.101	ug/l #	27
81) trans-1,4-Dichloro-2-buten	12.47	75	94	66.372	ug/l #	14

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) 4-Chlorotoluene	12.86	91	82	5.954	ug/l	81
84) 1,2,4-Trimethylbenzene	13.13	105	206	12.668	ug/l	86
85) sec-Butylbenzene	13.25	105	134	6.639	ug/l #	56
86) p-Isopropyltoluene	13.37	119	308	17.503	ug/l #	56
87) 1,3-Dichlorobenzene	13.36	146	25	2.902	ug/l #	1
88) 1,4-Dichlorobenzene	13.45	146	111	12.891	ug/l #	75
89) n-Butylbenzene	13.70	91	75	4.313	ug/l #	33
90) Hexachloroethane	14.22	117	19	5.831	ug/l #	13
91) 1,2-Dichlorobenzene	13.74	146	59	7.568	ug/l #	25
92) 1,2-Dibromo-3-Chloropropan	14.23	75	52	74.318	ug/l #	1
95) Naphthalene	15.23	128	144	11.888	ug/l #	70
96) 1,2,3-Trichlorobenzene	15.42	180	31	6.337	ug/l #	13

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

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