Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032122\
Data File : VY007949.D
Acq On : 21 Mar 2022 13:05
Operator : SY/MD
Sample : N1951-10RE
Misc : 6.68g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DB-8-(30-35)-3-12-22RE

Quant Time: Mar 21 16:04:25 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 17 13:55:34 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.801	168	972	50.000	ug/l	# 0.01
34) 1,4-Difluorobenzene	8.691	114	1753	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	1278	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	475	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	813	73.358	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 146.720%			
35) Dibromofluoromethane	7.709	113	265	21.525	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 43.060%#			
50) Toluene-d8	10.184	98	2067	56.357	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 112.720%			
62) 4-Bromofluorobenzene	12.483	95	754	42.674	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 85.340%			
Target Compounds						Qvalue
3) Chloromethane	2.131	50	70	3.423	ug/l #	1
4) Vinyl Chloride	2.527	62	22	Below Cal	#	43
6) Chloroethane	2.844	64	20	2.516	ug/l #	43
8) Diethyl Ether	3.558	74	34	5.141	ug/l #	1
10) Methyl Iodide	4.088	142	24	2.256	ug/l #	35
12) 1,1-Dichloroethene	3.869	96	131	12.412	ug/l #	1
14) Allyl chloride	4.472	41	67	3.774	ug/l #	63
15) Acrylonitrile	5.252	53	20	5.674	ug/l #	17
16) Acetone	3.942	43	420	142.855	ug/l #	47
18) Methyl Acetate	4.466	43	93	8.493	ug/l #	56
19) Methyl tert-butyl Ether	5.265	73	59	1.782	ug/l #	52
21) trans-1,2-Dichloroethene	5.234	96	41	3.470	ug/l #	1
23) Vinyl Acetate	6.082	43	78	3.261	ug/l #	75
25) 2-Butanone	7.020	43	127	26.968	ug/l #	54
27) cis-1,2-Dichloroethene	6.972	96	108	7.615	ug/l #	1
29) Tetrahydrofuran	7.362	42	96	31.815	ug/l #	38
37) Ethyl Acetate	7.069	43	69	6.193	ug/l #	72
39) Methylcyclohexane	9.203	83	25	Below Cal	#	31
41) Methacrylonitrile	7.313	41	227	33.036	ug/l #	23
43) Isopropyl Acetate	8.258	43	302	14.060	ug/l #	56
46) Dibromomethane	9.130	93	63	7.795	ug/l #	3
47) Bromodichloromethane	9.483	83	150	7.682	ug/l #	24
48) Methyl methacrylate	9.294	41	120	12.559	ug/l #	1
51) 4-Methyl-2-Pentanone	10.099	43	243	21.472	ug/l #	40
52) Toluene	10.514	92	45	1.313	ug/l #	1
55) 1,1,2-Trichloroethane	10.642	97	268	22.823	ug/l #	15
56) Ethyl methacrylate	10.514	69	94	5.576	ug/l #	13
59) 2-Hexanone	10.630	43	108	13.345	ug/l	65
60) Dibromochloromethane	10.879	129	31	2.204	ug/l	85
61) 1,2-Dibromoethane	11.032	107	209	18.398	ug/l	87
64) Tetrachloroethene	10.562	164	18	1.810	ug/l #	1
65) Chlorobenzene	11.276	112	42	1.372	ug/l #	42
66) 1,1,1,2-Tetrachloroethane	11.599	131	123	10.671	ug/l	64
67) Ethyl Benzene	11.581	91	75	1.375	ug/l #	44
68) m/p-Xylenes	11.702	106	147	6.910	ug/l #	1
69) o-Xylene	12.123	106	182	8.845	ug/l	90

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
71) Bromoform	12.245	173	39	5.282	ug/l	#	28
73) Isopropylbenzene	12.343	105	191	4.568	ug/l	#	48
74) N-amyl acetate	12.129	43	575	46.614	ug/l	#	1
75) 1,1,2,2-Tetrachloroethane	12.538	83	234	26.000	ug/l		96
76) 1,2,3-Trichloropropane	12.489	75	188	27.768	ug/l	#	100
78) n-propylbenzene	12.714	91	189	3.744	ug/l		81
79) 2-Chlorotoluene	12.769	91	93	3.274	ug/l		78
80) 1,3,5-Trimethylbenzene	12.721	105	149	4.333	ug/l		87
81) trans-1,4-Dichloro-2-b...	12.489	75	188	58.324	ug/l	#	64
82) 4-Chlorotoluene	12.964	91	152	5.151	ug/l		72
83) tert-Butylbenzene	13.068	119	229	7.443	ug/l	#	1
84) 1,2,4-Trimethylbenzene	13.166	105	358	10.621	ug/l	#	31
85) sec-Butylbenzene	13.245	105	255	5.530	ug/l	#	56
86) p-Isopropyltoluene	13.385	119	138	3.686	ug/l	#	41
87) 1,3-Dichlorobenzene	13.324	146	26	1.393	ug/l	#	1
88) 1,4-Dichlorobenzene	13.434	146	30	1.604	ug/l	#	1
89) n-Butylbenzene	13.696	91	201	5.595	ug/l	#	58
90) Hexachloroethane	13.946	117	57	7.629	ug/l	#	6
92) 1,2-Dibromo-3-Chloropr...	14.300	75	23	14.855	ug/l	#	4
95) Naphthalene	15.232	128	33	1.394	ug/l	#	1

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

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