Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102522\
Data File : VD074638.D
Acq On : 25 Oct 2022 17:45
Operator : VA/SY
Sample : VIBLK
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Quant Time: Oct 27 01:22:39 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101922S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 20 06:41:20 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.881	168	125	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.763	114	555	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.581	117	1185	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.504	152	564	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.000	65	0	0.000	ug/l	
Spiked Amount 50.000	Range 50 - 163		Recovery = 0.000%#			
35) Dibromofluoromethane	0.000	113	0	0.000	ug/l	
Spiked Amount 50.000	Range 54 - 147		Recovery = 0.000%#			
50) Toluene-d8	10.275	98	707	63.645	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 127.300%			
62) 4-Bromofluorobenzene	12.475	95	8144	2649.104	ug/l	-0.09
Spiked Amount 50.000	Range 25 - 144		Recovery = 5298.200%#			
Target Compounds						Qvalue
39) Methylcyclohexane	9.246	83	143	24.005	ug/l #	23
41) Methacrylonitrile	7.499	41	59	69.613	ug/l #	17
43) Isopropyl Acetate	8.534	43	54	18.471	ug/l #	44
46) Dibromomethane	9.381	93	198	105.664	ug/l #	1
47) Bromodichloromethane	9.581	83	365	78.727	ug/l #	27
48) Methyl methacrylate	9.375	41	86	64.369	ug/l #	16
51) 4-Methyl-2-Pentanone	10.146	43	118	81.149	ug/l #	29
52) Toluene	10.345	92	138	15.122	ug/l	96
53) t-1,3-Dichloropropene	10.693	75	57	13.983	ug/l #	45
55) 1,1,2-Trichloroethane	10.734	97	390	151.482	ug/l #	18
56) Ethyl methacrylate	10.593	69	397	141.065	ug/l #	71
57) 1,3-Dichloropropane	10.851	76	155	37.112	ug/l #	43
59) 2-Hexanone	10.893	43	253	254.911	ug/l #	18
60) Dibromochloromethane	11.087	129	391	125.998	ug/l	85
61) 1,2-Dibromoethane	11.263	107	469	199.561	ug/l	85
64) Tetrachloroethene	10.740	164	55	6.279	ug/l #	22
65) Chlorobenzene	11.510	112	62	2.484	ug/l #	43
66) 1,1,1,2-Tetrachloroethane	11.745	131	175	20.407	ug/l	72
67) Ethyl Benzene	11.710	91	174	4.003	ug/l #	41
68) m/p-Xylenes	11.787	106	212	12.267	ug/l #	21
69) o-Xylene	12.045	106	220	13.678	ug/l	95
70) Styrene	12.145	104	118	4.356	ug/l #	1
71) Bromoform	12.345	173	120	26.652	ug/l #	1
73) Isopropylbenzene	12.428	105	475	10.799	ug/l	98
74) N-amyl acetate	12.198	43	249	38.299	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.669	83	263	37.770	ug/l #	24
76) 1,2,3-Trichloropropane	12.716	75	1087	220.725	ug/l #	1
77) Bromobenzene	12.739	156	133646	13462.416	ug/l #	1
78) n-propylbenzene	12.810	91	1188	22.854	ug/l	91
79) 2-Chlorotoluene	12.722	91	955	33.912	ug/l	91
80) 1,3,5-Trimethylbenzene	12.934	105	243	6.806	ug/l	82
81) trans-1,4-Dichloro-2-b...	12.351	75	855	443.674	ug/l #	46
82) 4-Chlorotoluene	13.098	91	294	10.162	ug/l	77
83) tert-Butylbenzene	13.175	119	530	16.639	ug/l #	79
84) 1,2,4-Trimethylbenzene	13.110	105	348	9.904	ug/l	70
85) sec-Butylbenzene	13.257	105	469	9.812	ug/l	89

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
86) p-Isopropyltoluene	13.457	119	185	4.620	ug/l	#	1
87) 1,3-Dichlorobenzene	13.516	146	78	3.781	ug/l	#	1
88) 1,4-Dichlorobenzene	13.545	146	68	3.367	ug/l	#	45
89) n-Butylbenzene	13.763	91	398	10.909	ug/l	#	65
90) Hexachloroethane	14.016	117	128	18.365	ug/l	#	11
91) 1,2-Dichlorobenzene	13.845	146	125	7.264	ug/l	#	1
92) 1,2-Dibromo-3-Chloropr...	14.234	75	120	124.611	ug/l	#	1
95) Naphthalene	15.333	128	590	27.609	ug/l	#	69

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

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