Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
Data File : BM042712.D
Acq On : 13 Nov 2023 19:35
Operator : MA/JU
Sample : 05013-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4A87

Quant Time: Nov 14 10:20:54 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 13 16:57:49 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	25625	20.000	ng/ul	0.00
20) Naphthalene-d8	10.651	136	102761	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.492	164	76493	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.245	188	170892	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.433	240	174413	20.000	ng/ul	0.00
88) Perylene-d12	23.803	264	179138	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	4125	5.051	ng/uL	0.00
4) Pyridine-d5	3.622	84	55030	27.090	ng/ul	0.00
7) Phenol-d5	7.004	99	71452	28.650	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.187	67	50775	28.974	ng/ul	0.00
11) 2-Chlorophenol-d4	7.357	132	59177	30.751	ng/ul	0.00
15) 4-Methylphenol-d8	8.557	113	58368	29.724	ng/ul	0.00
21) Nitrobenzene-d5	9.039	128	24416	27.100	ng/ul	0.00
24) 2-Nitrophenol-d4	9.751	143	30557	28.992	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.275	165	59816	30.523	ng/ul	0.00
31) 4-Chloroaniline-d4	10.845	131	17918	7.201	ng/ul	0.02
46) Dimethylphthalate-d6	13.916	166	224584	31.022	ng/ul	0.00
49) Acenaphthylene-d8	14.192	160	234616	30.289	ng/ul	0.00
54) 4-Nitrophenol-d4	14.745	143	13377	16.355	ng/ul	0.00
60) Fluorene-d10	15.486	176	180670	30.137	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.633	200	36643	28.308	ng/ul	0.00
73) Anthracene-d10	17.345	188	272358	28.438	ng/ul	0.00
81) Pyrene-d10	19.645	212	352922	30.901	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.644	264	339291	31.664	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.222	88	4322	4.970	ng/uL#	77
6) Benzaldehyde	6.998	77	84792	59.258	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.275	93	111412	54.370	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.651	70	48359	24.059	ng/ul#	97
22) Nitrobenzene	9.081	77	27628	10.146	ng/ul	99
25) 2-Nitrophenol	9.781	139	23689	22.122	ng/ul	97
29) 2,4-Dichlorophenol	10.304	162	42125	22.704	ng/ul	98
30) Naphthalene	10.704	128	73696	11.447	ng/ul	99
33) Hexachlorobutadiene	10.922	225	43580	26.590	ng/ul	95
36) 2-Methylnaphthalene	12.316	142	104566	24.235	ng/ul	95
37) 1-Methylnaphthalene	12.533	142	167803	36.989	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.669	216	30707	10.236	ng/ul	99
40) Hexachlorocyclopentadiene	12.610	237	54655	38.482	ng/ul	93
41) 2,4,6-Trichlorophenol	12.927	196	69862	38.125	ng/ul	97
43) 1,1'-Biphenyl	13.327	154	310497	48.673	ng/ul	98
44) 2-Chloronaphthalene	13.374	162	56251	10.961	ng/ul	96
48) 2,6-Dinitrotoluene	14.110	165	50644	38.230	ng/ul	92
50) Acenaphthylene	14.221	152	126182	14.538	ng/ul	99
52) Acenaphthene	14.557	153	65860	11.220	ng/ul	98
53) 2,4-Dinitrophenol	14.663	184	33572	50.968	ng/ul	89
56) Dibenzofuran	14.898	168	90723	11.135	ng/ul	99
61) Fluorene	15.545	166	80713	11.669	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.533	204	66642	17.877	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.651	198	64712	49.104	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
69) Hexachlorobenzene	16.515	284	101023	36.329	ng/ul	94
71) Pentachlorophenol	16.880	266	93499	58.390	ng/ul	99
72) Phenanthrene	17.292	178	117944	11.048	ng/ul	99
74) Anthracene	17.380	178	179565	16.722	ng/ul	99
77) Carbazole	17.674	167	397478	44.826	ng/ul	99
80) Fluoranthene	19.303	202	282375	21.684	ng/ul	97
82) Pyrene	19.674	202	288601	20.901	ng/ul	99
85) Benzo(a)anthracene	21.415	228	397875	29.060	ng/ul	99
87) Chrysene	21.468	228	155931	11.743	ng/ul	99
90) Benzo(b)fluoranthene	23.068	252	317191	25.946	ng/ul#	98
93) Benzo(a)pyrene	23.697	252	166548	13.981	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.274	276	459667	31.048	ng/ul	100
95) Dibenzo(a,h)anthracene	26.291	278	313157	25.513	ng/ul	100
96) Benzo(g,h,i)perylene	27.044	276	168938	14.370	ng/ul	98

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

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