Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020122\
Data File : BM033947.D
Acq On : 01 Feb 2022 19:43
Operator : CG/JU
Sample : PB142407BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS407

Quant Time: Feb 02 00:02:14 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM013122.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 01 02:16:28 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.925	152	113909	20.000	ng/ul	0.00
20) Naphthalene-d8	10.742	136	469037	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.566	164	279893	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.301	188	524300	20.000	ng/ul	0.00
79) Chrysene-d12	21.465	240	446361	20.000	ng/ul	0.00
88) Perylene-d12	23.859	264	459034	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.290	96	16277	5.636	ng/uL	0.00
4) Pyridine-d5	3.719	84	209157	25.945	ng/ul	0.00
7) Phenol-d5	7.084	99	271012	28.399	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.254	67	165831	28.504	ng/ul	0.00
11) 2-Chlorophenol-d4	7.454	132	222664	29.123	ng/ul	0.00
15) 4-Methylphenol-d8	8.637	113	217274	28.733	ng/ul	0.00
21) Nitrobenzene-d5	9.090	128	109148	29.002	ng/ul	0.00
24) 2-Nitrophenol-d4	9.819	143	116186	28.588	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.360	165	213496	29.029	ng/ul	0.00
31) 4-Chloroaniline-d4	10.872	131	265648	26.156	ng/ul	0.00
46) Dimethylphthalate-d6	13.972	166	628672	30.058	ng/ul	0.00
49) Acenaphthylene-d8	14.260	160	768602	29.998	ng/ul	0.00
54) 4-Nitrophenol-d4	14.754	143	106748	29.873	ng/ul	0.00
60) Fluorene-d10	15.554	176	522810	29.936	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.666	200	95254	28.939	ng/ul	0.00
73) Anthracene-d10	17.401	188	776225	30.915	ng/ul	0.00
81) Pyrene-d10	19.683	212	833753	31.639	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.700	264	786722	32.630	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.325	88	32706	10.377	ng/uL#	86
5) Pyridine	3.737	79	224824	27.018	ng/ul	85
6) Benzaldehyde	7.054	77	152570	26.479	ng/ul#	83
8) Phenol	7.113	94	280446	28.657	ng/ul#	85
10) Bis(2-Chloroethyl)ether	7.343	93	220581	28.537	ng/ul	92
12) 2-Chlorophenol	7.490	128	227227	28.367	ng/ul#	88
13) 2-Methylphenol	8.372	108	211618	28.630	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.460	45	301889	29.012	ng/ul	97
16) Acetophenone	8.754	105	345973	28.820	ng/ul#	88
17) N-Nitroso-di-n-propyla...	8.742	70	176532	28.965	ng/ul	87
18) 4-Methylphenol	8.701	108	228115	28.928	ng/ul	94
19) Hexachloroethane	9.019	117	99245	28.555	ng/ul#	85
22) Nitrobenzene	9.131	77	266893	28.645	ng/ul	92
23) Isophorone	9.666	82	482097	28.831	ng/ul	96
25) 2-Nitrophenol	9.848	139	126402	28.987	ng/ul#	83
26) 2,4-Dimethylphenol	9.907	107	270954	28.486	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.148	93	296510	28.522	ng/ul	98
29) 2,4-Dichlorophenol	10.384	162	213356	29.035	ng/ul	96
30) Naphthalene	10.789	128	729379	28.113	ng/ul	99
32) 4-Chloroaniline	10.895	127	253055	24.539	ng/ul	99
33) Hexachlorobutadiene	11.084	225	151924	27.940	ng/ul	97
34) Caprolactam	11.666	113	62529	29.900	ng/ul	80
35) 4-Chloro-3-methylphenol	12.019	107	248299	29.487	ng/ul	88
36) 2-Methylnaphthalene	12.401	142	485225	28.387	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.619	142	502024	28.651	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.766	216	256679	28.834	ng/ul	99
40) Hexachlorocyclopentadiene	12.754	237	170502	25.963	ng/ul	99
41) 2,4,6-Trichlorophenol	13.001	196	165172	29.797	ng/ul	97
42) 2,4,5-Trichlorophenol	13.072	196	178070	30.283	ng/ul	93
43) 1,1'-Biphenyl	13.401	154	653592	29.130	ng/ul	99
44) 2-Chloronaphthalene	13.448	162	489980	28.965	ng/ul	98
45) 2-Nitroaniline	13.642	65	155988	31.334	ng/ul#	81
47) Dimethylphthalate	14.025	163	628634	29.925	ng/ul	100
48) 2,6-Dinitrotoluene	14.136	165	125914	31.404	ng/ul	94
50) Acenaphthylene	14.289	152	808683	29.603	ng/ul	99
51) 3-Nitroaniline	14.460	138	116456	29.421	ng/ul	91
52) Acenaphthene	14.630	153	523774	29.286	ng/ul	98
53) 2,4-Dinitrophenol	14.672	184	68390	27.952	ng/ul#	85
55) 4-Nitrophenol	14.766	109	106288	30.812	ng/ul	85
56) Dibenzofuran	14.960	168	743336	29.534	ng/ul	100
57) 2,4-Dinitrotoluene	14.919	165	179486	31.374	ng/ul#	81
58) 2,3,4,6-Tetrachlorophenol	15.189	232	145450	30.064	ng/ul#	97
59) Diethylphthalate	15.383	149	637756	29.807	ng/ul	100
61) Fluorene	15.607	166	597331	29.656	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.601	204	302096	29.362	ng/ul	98
63) 4-Nitroaniline	15.619	138	126486	33.127	ng/ul	86
66) 4,6-Dinitro-2-methylph...	15.683	198	98458	29.938	ng/ul	94
67) N-Nitrosodiphenylamine	15.813	169	503076	30.920	ng/ul	98
68) 4-Bromophenyl-phenylether	16.495	248	173956	30.707	ng/ul	98
69) Hexachlorobenzene	16.613	284	200106	30.893	ng/ul	95
70) Atrazine	16.760	200	174784	28.550	ng/ul	98
71) Pentachlorophenol	16.954	266	122239	29.423	ng/ul	98
72) Phenanthrene	17.342	178	903541	30.647	ng/ul	99
74) Anthracene	17.436	178	919531	31.034	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.372	216	255473	27.881	ng/uL	95
76) Pentachlorobenzene	14.883	250	249374	30.529	ng/uL	99
77) Carbazole	17.701	167	802854	30.612	ng/ul	99
78) Di-n-butylphthalate	18.265	149	994379	30.492	ng/ul	98
80) Fluoranthene	19.354	202	998838	31.665	ng/ul	99
82) Pyrene	19.712	202	1015816	31.508	ng/ul	99
83) Butylbenzylphthalate	20.606	149	416499	31.706	ng/ul	86
84) 3,3'-Dichlorobenzidine	21.383	252	273032	30.738	ng/ul	96
85) Benzo(a)anthracene	21.448	228	939559	32.492	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.383	149	590462	30.823	ng/ul	99
87) Chrysene	21.500	228	910492	32.220	ng/ul	99
89) Di-n-octyl phthalate	22.300	149	1000991	30.115	ng/ul	100
90) Benzo(b)fluoranthene	23.130	252	958102	30.727	ng/ul	99
91) Benzo(k)fluoranthene	23.177	252	940045	32.838	ng/ul	100
93) Benzo(a)pyrene	23.753	252	951406	32.267	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.353	276	1131447	33.198	ng/ul	98
95) Dibenzo(a,h)anthracene	26.365	278	986474	33.441	ng/ul	98
96) Benzo(g,h,i)perylene	27.118	276	956521	33.379	ng/ul	98

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

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