Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101121\
Data File : BM032416.D
Acq On : 11 Oct 2021 11:31
Operator : CG/JU
Sample : PB139762BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SLCS762

Quant Time: Oct 11 12:01:36 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM100521.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 11 11:06:33 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.613	152	292650	20.000	ng/ul	0.00
20) Naphthalene-d8	10.407	136	1300498	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.266	164	856635	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.995	188	1780182	20.000	ng/ul	0.00
79) Chrysene-d12	21.159	240	1687412	20.000	ng/ul	0.00
88) Perylene-d12	23.306	264	1813625	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.960	96	38989	5.341	ng/uL	0.00
4) Pyridine-d5	3.384	84	537120	26.049	ng/ul	0.00
7) Phenol-d5	6.807	99	732422	29.432	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.943	67	407123	28.493	ng/ul	0.00
11) 2-Chlorophenol-d4	7.154	132	577593	30.399	ng/ul	0.00
15) 4-Methylphenol-d8	8.348	113	598906	29.797	ng/ul	0.00
21) Nitrobenzene-d5	8.772	128	295816	32.239	ng/ul	0.00
24) 2-Nitrophenol-d4	9.495	143	333144	33.683	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.042	165	592235	30.079	ng/ul	0.00
31) 4-Chloroaniline-d4	10.542	131	762490	26.255	ng/ul	0.00
46) Dimethylphthalate-d6	13.672	166	1817332	30.655	ng/ul	0.00
49) Acenaphthylene-d8	13.960	160	2190790	30.419	ng/ul	0.00
54) 4-Nitrophenol-d4	14.483	143	362870	31.167	ng/ul	0.00
60) Fluorene-d10	15.254	176	1508520	30.003	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.377	200	328723	32.401	ng/ul	0.00
73) Anthracene-d10	17.089	188	2360465	30.462	ng/ul	0.00
81) Pyrene-d10	19.377	212	2662184	31.360	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.177	264	2645075	29.123	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.996	88	76480	9.626	ng/uL	97
5) Pyridine	3.407	79	533516	26.162	ng/ul	95
6) Benzaldehyde	6.743	77	447458	38.197	ng/ul	98
8) Phenol	6.837	94	716106	28.406	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.037	93	561965	28.330	ng/ul	99
12) 2-Chlorophenol	7.190	128	577530	29.422	ng/ul	99
13) 2-Methylphenol	8.084	108	558110	28.870	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.154	45	693085	28.214	ng/ul	99
16) Acetophenone	8.437	105	866793	29.436	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.431	70	442580	30.441	ng/ul	98
18) 4-Methylphenol	8.413	108	602211	29.720	ng/ul	99
19) Hexachloroethane	8.701	117	234917	30.084	ng/ul	99
22) Nitrobenzene	8.813	77	630831	28.957	ng/ul	98
23) Isophorone	9.336	82	1284927	30.572	ng/ul	98
25) 2-Nitrophenol	9.525	139	337750	31.251	ng/ul	99
26) 2,4-Dimethylphenol	9.601	107	674033	29.169	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.819	93	778261	27.921	ng/ul	99
29) 2,4-Dichlorophenol	10.066	162	568926	29.353	ng/ul	99
30) Naphthalene	10.454	128	1854928	27.830	ng/ul	100
32) 4-Chloroaniline	10.566	127	740061	25.381	ng/ul	98
33) Hexachlorobutadiene	10.760	225	355275	28.412	ng/ul	100
34) Caprolactam	11.319	113	212570	30.423	ng/ul	97
35) 4-Chloro-3-methylphenol	11.713	107	648371	30.401	ng/ul	99
36) 2-Methylnaphthalene	12.072	142	1284250	28.329	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.295	142	1287793	27.897	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.460	216	661993	28.025	ng/ul	98
40) Hexachlorocyclopentadiene	12.448	237	398829	28.976	ng/ul	99
41) 2,4,6-Trichlorophenol	12.695	196	473327	31.290	ng/ul	100
42) 2,4,5-Trichlorophenol	12.772	196	511830	30.833	ng/ul	100
43) 1,1'-Biphenyl	13.095	154	1712798	27.887	ng/ul	100
44) 2-Chloronaphthalene	13.136	162	1311170	28.011	ng/ul	100
45) 2-Nitroaniline	13.336	65	407524	32.600	ng/ul	95
47) Dimethylphthalate	13.719	163	1730827	29.151	ng/ul	100
48) 2,6-Dinitrotoluene	13.836	165	366954	33.164	ng/ul	93
50) Acenaphthylene	13.983	152	2213854	29.052	ng/ul	100
51) 3-Nitroaniline	14.166	138	367056	31.737	ng/ul	99
52) Acenaphthene	14.330	153	1417550	28.171	ng/ul	99
53) 2,4-Dinitrophenol	14.371	184	227381	31.950	ng/ul	96
55) 4-Nitrophenol	14.495	109	276832	29.463	ng/ul	96
56) Dibenzofuran	14.666	168	2039555	27.969	ng/ul	100
57) 2,4-Dinitrotoluene	14.624	165	525843	32.152	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.901	232	436106	32.349	ng/ul	97
59) Diethylphthalate	15.083	149	1766365	29.821	ng/ul	100
61) Fluorene	15.313	166	1582499	28.243	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.301	204	799046	28.233	ng/ul	99
63) 4-Nitroaniline	15.330	138	414310	38.750	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.395	198	313876	31.477	ng/ul#	94
67) N-Nitrosodiphenylamine	15.513	169	1469793	29.593	ng/ul	100
68) 4-Bromophenyl-phenylether	16.189	248	506783	29.538	ng/ul	98
69) Hexachlorobenzene	16.324	284	572600	28.974	ng/ul	99
70) Atrazine	16.460	200	558421	29.748	ng/ul	99
71) Pentachlorophenol	16.660	266	380747	31.961	ng/ul	100
72) Phenanthrene	17.036	178	2634191	28.670	ng/ul	100
74) Anthracene	17.124	178	2693430	29.182	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.066	216	671832	26.880	ng/uL	99
76) Pentachlorobenzene	14.601	250	667869	26.905	ng/uL	99
77) Carbazole	17.395	167	2508990	30.479	ng/ul	99
78) Di-n-butylphthalate	17.948	149	3118029	32.786	ng/ul	100
80) Fluoranthene	19.048	202	3142178	30.000	ng/ul	99
82) Pyrene	19.406	202	3181189	29.565	ng/ul	97
83) Butylbenzylphthalate	20.295	149	1431630	35.064	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.077	252	973172	31.806	ng/ul	98
85) Benzo(a)anthracene	21.147	228	2963544	29.124	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.065	149	2037118	35.890	ng/ul	100
87) Chrysene	21.200	228	2932034	29.264	ng/ul	100
89) Di-n-octyl phthalate	21.912	149	3688355	35.708	ng/ul	100
90) Benzo(b)fluoranthene	22.671	252	3117210	28.251	ng/ul	99
91) Benzo(k)fluoranthene	22.712	252	2994038	29.917	ng/ul	100
93) Benzo(a)pyrene	23.218	252	3061796	29.330	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.441	276	3275898	28.389	ng/ul	100
95) Dibenzo(a,h)anthracene	25.441	278	2826220	28.544	ng/ul	100
96) Benzo(g,h,i)perylene	26.094	276	2844338	28.168	ng/ul	100

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

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