Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011322\
Data File : BM033718.D
Acq On : 13 Jan 2022 16:16
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: Jan 13 20:50:56 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 13 07:49:01 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.966	152	165736	20.000	ng		0.00
21) Naphthalene-d8	10.783	136	694073	20.000	ng	#	0.00
39) Acenaphthene-d10	14.607	164	461661	20.000	ng		0.00
64) Phenanthrene-d10	17.342	188	825097	20.000	ng		0.00
76) Chrysene-d12	21.506	240	584336	20.000	ng		0.00
86) Perylene-d12	23.924	264	629525	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.507	112	840392	79.971	ng		0.00
7) Phenol-d6	7.125	99	1157892	81.754	ng		0.00
23) Nitrobenzene-d5	9.131	82	1193746	79.430	ng		0.00
42) 2,4,6-Tribromophenol	16.089	330	475854	98.686	ng		0.00
45) 2-Fluorobiphenyl	13.236	172	2688870	76.286	ng		0.00
79) Terphenyl-d14	19.953	244	2809592	86.547	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.349	88	160428	34.061	ng	#	92
3) Pyridine	3.760	79	459520	37.678	ng		93
4) n-Nitrosodimethylamine	3.666	42	215600	35.384	ng	#	71
6) Aniline	7.284	93	656618	40.927	ng		96
8) 2-Chlorophenol	7.531	128	476438	41.461	ng		87
9) Benzaldehyde	7.095	77	328868	37.982	ng		89
10) Phenol	7.154	94	580489	40.766	ng		93
11) bis(2-Chloroethyl)ether	7.384	93	435452	38.766	ng		92
12) 1,3-Dichlorobenzene	7.854	146	523282	40.742	ng		95
13) 1,4-Dichlorobenzene	8.001	146	533392	40.609	ng		97
14) 1,2-Dichlorobenzene	8.325	146	523558	41.217	ng		98
15) Benzyl Alcohol	8.207	79	480002	41.516	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.501	45	579131	34.188	ng		95
17) 2-Methylphenol	8.413	107	413904	42.108	ng		94
18) Hexachloroethane	9.060	117	199670	40.119	ng		94
19) n-Nitroso-di-n-propyla...	8.784	70	373646	40.379	ng	#	90
20) 3+4-Methylphenols	8.742	107	578052	43.046	ng		94
22) Acetophenone	8.795	105	753828	40.496	ng	#	92
24) Nitrobenzene	9.178	77	555559	38.873	ng	#	90
25) Isophorone	9.707	82	975453	40.069	ng		98
26) 2-Nitrophenol	9.889	139	273467	45.414	ng	#	85
27) 2,4-Dimethylphenol	9.954	122	409426	40.729	ng		96
28) bis(2-Chloroethoxy)met...	10.189	93	614939	38.318	ng		98
29) 2,4-Dichlorophenol	10.431	162	477057	43.344	ng		98
30) 1,2,4-Trichlorobenzene	10.648	180	509711	41.463	ng		98
31) Naphthalene	10.836	128	1558140	40.960	ng		99
32) Benzoic acid	10.101	122	360614	50.981	ng		90
33) 4-Chloroaniline	10.936	127	647021	43.107	ng		93
34) Hexachlorobutadiene	11.131	225	333366	41.517	ng		96
35) Caprolactam	11.730	113	158024	51.767	ng	#	74
36) 4-Chloro-3-methylphenol	12.066	107	569602	44.553	ng		97
37) 2-Methylnaphthalene	12.442	142	1089822	42.397	ng		98
38) 1-Methylnaphthalene	12.660	142	1059898	42.424	ng		98
40) 1,2,4,5-Tetrachloroben...	12.813	216	562841	38.566	ng		99
41) Hexachlorocyclopentadiene	12.795	237	357145	38.901	ng		99
43) 2,4,6-Trichlorophenol	13.048	196	403465	42.378	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.119	196	434915	43.177	ng		96
46) 1,1'-Biphenyl	13.448	154	1424690	37.781	ng		98
47) 2-Chloronaphthalene	13.489	162	1108072	39.132	ng		98
48) 2-Nitroaniline	13.683	65	367952	41.424	ng	#	84
49) Acenaphthylene	14.330	152	1766200	39.969	ng		98
50) Dimethylphthalate	14.066	163	1427753	39.838	ng		99
51) 2,6-Dinitrotoluene	14.177	165	297929	42.924	ng		90
52) Acenaphthene	14.671	154	1164727	40.520	ng		99
53) 3-Nitroaniline	14.501	138	318851	43.046	ng		92
54) 2,4-Dinitrophenol	14.707	184	143227	44.710	ng	#	85
55) Dibenzofuran	15.001	168	1740901	40.404	ng		96
56) 4-Nitrophenol	14.807	139	244086	41.578	ng	#	84
57) 2,4-Dinitrotoluene	14.960	165	403133	45.487	ng		85
58) Fluorene	15.648	166	1340497	40.613	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.230	232	370908	43.610	ng		100
60) Diethylphthalate	15.424	149	1464397	39.664	ng		99
61) 4-Chlorophenyl-phenyle...	15.642	204	693237	40.704	ng		95
62) 4-Nitroaniline	15.660	138	302581	41.938	ng		95
63) Azobenzene	15.936	77	1380730	37.828	ng		93
65) 4,6-Dinitro-2-methylph...	15.718	198	201092	44.389	ng		86
66) n-Nitrosodiphenylamine	15.854	169	1174646	42.127	ng		99
67) 4-Bromophenyl-phenylether	16.536	248	416031	45.584	ng		96
68) Hexachlorobenzene	16.654	284	457349	44.002	ng		98
69) Atrazine	16.801	200	409233	42.781	ng		99
70) Pentachlorophenol	16.995	266	277502	43.903	ng		98
71) Phenanthrene	17.383	178	1907363	40.399	ng		99
72) Anthracene	17.477	178	1894710	40.912	ng		100
73) Carbazole	17.742	167	1639991	37.562	ng		99
74) Di-n-butylphthalate	18.307	149	2307339	40.941	ng		100
75) Fluoranthene	19.389	202	1731865	34.941	ng		100
77) Benzidine	19.565	184	686702	39.156	ng		99
78) Pyrene	19.753	202	1739642	42.285	ng		99
80) Butylbenzylphthalate	20.642	149	776689	42.268	ng		93
81) Benzo(a)anthracene	21.489	228	1614729	40.751	ng		99
82) 3,3'-Dichlorobenzidine	21.418	252	615333	43.776	ng		99
83) Chrysene	21.542	228	1540862	40.636	ng		99
84) Bis(2-ethylhexyl)phtha...	21.418	149	1086608	38.820	ng		99
85) Di-n-octyl phthalate	22.347	149	1767847	38.838	ng	#	91
87) Indeno(1,2,3-cd)pyrene	26.459	276	1946544	41.931	ng		99
88) Benzo(b)fluoranthene	23.183	252	1584673	39.483	ng		100
89) Benzo(k)fluoranthene	23.236	252	1637978	42.108	ng		99
90) Benzo(a)pyrene	23.818	252	1367616	41.056	ng		99
91) Dibenzo(a,h)anthracene	26.477	278	1621254	42.046	ng		97
92) Benzo(g,h,i)perylene	27.235	276	1582232	41.737	ng		98

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

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