Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072122\
Data File : BM035890.D
Acq On : 21 Jul 2022 15:31
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: Jul 22 01:08:02 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM071822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 18 17:08:15 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.898	152	343350	20.000	ng		0.00
21) Naphthalene-d8	10.704	136	1385157	20.000	ng		0.00
39) Acenaphthene-d10	14.533	164	772581	20.000	ng		0.00
64) Phenanthrene-d10	17.268	188	1452975	20.000	ng		0.00
76) Chrysene-d12	21.450	240	1243630	20.000	ng		0.00
86) Perylene-d12	23.821	264	1192460	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.457	112	1820439	82.197	ng		0.00
7) Phenol-d6	7.063	99	2330974	83.698	ng		0.00
23) Nitrobenzene-d5	9.069	82	2175731	84.009	ng		0.00
42) 2,4,6-Tribromophenol	16.015	330	706454	81.749	ng		0.00
45) 2-Fluorobiphenyl	13.163	172	4506711	82.455	ng		0.00
79) Terphenyl-d14	19.897	244	5547053	86.784	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.322	88	368646	40.270	ng		94
3) Pyridine	3.728	79	1016762	41.792	ng		89
4) n-Nitrosodimethylamine	3.640	42	437503	43.030	ng	#	71
6) Aniline	7.222	93	1304570	42.655	ng		97
8) 2-Chlorophenol	7.457	128	943158	41.212	ng		98
9) Benzaldehyde	7.034	77	595061	38.032	ng		97
10) Phenol	7.092	94	1173398	41.835	ng		92
11) bis(2-Chloroethyl)ether	7.328	93	940246	41.547	ng		97
12) 1,3-Dichlorobenzene	7.786	146	1040015	40.742	ng		98
13) 1,4-Dichlorobenzene	7.934	146	1059055	40.747	ng		98
14) 1,2-Dichlorobenzene	8.251	146	1021162	40.622	ng		99
15) Benzyl Alcohol	8.139	79	771729	42.055	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.439	45	1261623	42.819	ng		98
17) 2-Methylphenol	8.345	107	756698	41.555	ng		95
18) Hexachloroethane	8.981	117	381695	40.822	ng		94
19) n-Nitroso-di-n-propyla...	8.716	70	696610	43.144	ng		90
20) 3+4-Methylphenols	8.675	107	1036029	42.096	ng		97
22) Acetophenone	8.728	105	1410313	41.197	ng	#	93
24) Nitrobenzene	9.110	77	1013075	41.647	ng		97
25) Isophorone	9.633	82	1701400	41.995	ng	#	98
26) 2-Nitrophenol	9.816	139	451462	41.201	ng		94
27) 2,4-Dimethylphenol	9.880	122	725925	41.998	ng		98
28) bis(2-Chloroethoxy)met...	10.122	93	1188561	42.149	ng		99
29) 2,4-Dichlorophenol	10.351	162	798855	41.684	ng		99
30) 1,2,4-Trichlorobenzene	10.569	180	891482	40.307	ng		98
31) Naphthalene	10.757	128	2905372	41.282	ng		100
32) Benzoic acid	10.022	122	540681	41.360	ng		95
33) 4-Chloroaniline	10.869	127	1181622	41.969	ng		96
34) Hexachlorobutadiene	11.039	225	507399	39.973	ng		99
35) Caprolactam	11.657	113	236995	40.436	ng		98
36) 4-Chloro-3-methylphenol	11.992	107	832404	42.359	ng		100
37) 2-Methylnaphthalene	12.363	142	1906318	41.638	ng		98
38) 1-Methylnaphthalene	12.580	142	1865011	41.850	ng		99
40) 1,2,4,5-Tetrachloroben...	12.727	216	881725	39.946	ng		99
41) Hexachlorocyclopentadiene	12.710	237	483913	40.675	ng		97
43) 2,4,6-Trichlorophenol	12.968	196	599517	41.090	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.039	196	634293	41.231	ng	98
46) 1,1'-Biphenyl	13.374	154	2422756	41.224	ng	99
47) 2-Chloronaphthalene	13.416	162	1847944	40.909	ng	99
48) 2-Nitroaniline	13.616	65	535056	42.985	ng	99
49) Acenaphthylene	14.257	152	2874019	41.320	ng	100
50) Dimethylphthalate	13.998	163	2072983	40.764	ng	99
51) 2,6-Dinitrotoluene	14.115	165	445522	41.898	ng	93
52) Acenaphthene	14.598	154	1729373	41.505	ng	99
53) 3-Nitroaniline	14.439	138	539241	42.119	ng	97
54) 2,4-Dinitrophenol	14.639	184	208576	39.807	ng	95
55) Dibenzofuran	14.927	168	2762315	41.379	ng	98
56) 4-Nitrophenol	14.745	139	416767	41.489	ng	86
57) 2,4-Dinitrotoluene	14.892	165	586088	42.117	ng	93
58) Fluorene	15.574	166	2185538	41.697	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.151	232	515233	41.666	ng	98
60) Diethylphthalate	15.357	149	2070022	41.081	ng	100
61) 4-Chlorophenyl-phenyle...	15.574	204	1049961	41.171	ng	97
62) 4-Nitroaniline	15.604	138	553256	42.204	ng	91
63) Azobenzene	15.868	77	2210978	42.733	ng	93
65) 4,6-Dinitro-2-methylph...	15.651	198	295117	40.448	ng	94
66) n-Nitrosodiphenylamine	15.786	169	1781467	41.755	ng	99
67) 4-Bromophenyl-phenylether	16.468	248	603617	41.326	ng	95
68) Hexachlorobenzene	16.574	284	688887	40.629	ng	92
69) Atrazine	16.739	200	486841	43.424	ng	99
70) Pentachlorophenol	16.915	266	401986	42.725	ng	99
71) Phenanthrene	17.315	178	3169866	41.471	ng	99
72) Anthracene	17.404	178	3119437	41.987	ng	99
73) Carbazole	17.674	167	3121628	41.420	ng	99
74) Di-n-butylphthalate	18.245	149	3224667	42.024	ng	99
75) Fluoranthene	19.327	202	3381318	40.699	ng	98
77) Benzidine	19.515	184	907394	41.558	ng	99
78) Pyrene	19.686	202	3500836	43.052	ng	99
80) Butylbenzylphthalate	20.592	149	1231258	42.417	ng	99
81) Benzo(a)anthracene	21.433	228	3248927	41.269	ng	99
82) 3,3'-Dichlorobenzidine	21.368	252	757704	41.089	ng	99
83) Chrysene	21.486	228	3073074	40.908	ng	100
84) Bis(2-ethylhexyl)phtha...	21.374	149	1726782	42.205	ng	100
85) Di-n-octyl phthalate	22.291	149	2626935	40.471	ng	97
87) Indeno(1,2,3-cd)pyrene	26.297	276	3545765	40.696	ng	98
88) Benzo(b)fluoranthene	23.097	252	2874430	40.495	ng	98
89) Benzo(k)fluoranthene	23.150	252	3082953	41.970	ng	99
90) Benzo(a)pyrene	23.721	252	2491412	41.236	ng	99
91) Dibenzo(a,h)anthracene	26.321	278	2935918	40.550	ng	98
92) Benzo(g,h,i)perylene	27.062	276	2902105	40.645	ng	98

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

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