Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061022\
Data File : BM035450.D
Acq On : 10 Jun 2022 15:42
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM061022

Quant Time: Jun 10 17:05:25 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM061022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 10 16:05:33 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.822	152	314241	20.000	ng		0.00
21) Naphthalene-d8	10.616	136	1325288	20.000	ng		0.00
39) Acenaphthene-d10	14.463	164	804930	20.000	ng		0.00
64) Phenanthrene-d10	17.209	188	1579582	20.000	ng	#	0.00
76) Chrysene-d12	21.397	240	1279830	20.000	ng		0.00
86) Perylene-d12	23.738	264	1118534	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.404	112	1503834	81.153	ng		0.00
7) Phenol-d6	7.004	99	2079324	80.973	ng		0.00
23) Nitrobenzene-d5	8.986	82	2028011	83.158	ng		0.00
42) 2,4,6-Tribromophenol	15.957	330	740673	86.428	ng		0.00
45) 2-Fluorobiphenyl	13.086	172	4414110	78.343	ng		0.00
79) Terphenyl-d14	19.839	244	5632756	84.034	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.299	88	284600	40.267	ng		93
3) Pyridine	3.704	79	811059	41.030	ng		93
4) n-Nitrosodimethylamine	3.616	42	396536	43.461	ng		89
6) Aniline	7.151	93	1142288	41.154	ng		100
8) 2-Chlorophenol	7.386	128	854399	40.165	ng		98
9) Benzaldehyde	6.963	77	488648	37.905	ng		95
10) Phenol	7.034	94	1014500	40.668	ng		94
11) bis(2-Chloroethyl)ether	7.251	93	812640	40.642	ng		98
12) 1,3-Dichlorobenzene	7.710	146	901901	39.745	ng		97
13) 1,4-Dichlorobenzene	7.857	146	923282	39.744	ng		99
14) 1,2-Dichlorobenzene	8.175	146	901547	39.761	ng		100
15) Benzyl Alcohol	8.069	79	729481	42.404	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.345	45	1433089	41.267	ng		96
17) 2-Methylphenol	8.281	107	705574	41.216	ng		97
18) Hexachloroethane	8.892	117	335833	40.309	ng		94
19) n-Nitroso-di-n-propyla...	8.633	70	669490	41.477	ng		99
20) 3+4-Methylphenols	8.610	107	987407	41.147	ng		95
22) Acetophenone	8.651	105	1314246	40.944	ng	#	99
24) Nitrobenzene	9.028	77	930812	41.685	ng		97
25) Isophorone	9.557	82	1663286	41.938	ng		99
26) 2-Nitrophenol	9.739	139	489210	42.809	ng		94
27) 2,4-Dimethylphenol	9.810	122	694348	41.464	ng		99
28) bis(2-Chloroethoxy)met...	10.033	93	1137376	41.216	ng		100
29) 2,4-Dichlorophenol	10.280	162	775812	41.574	ng		98
30) 1,2,4-Trichlorobenzene	10.486	180	840509	40.515	ng		99
31) Naphthalene	10.669	128	2690471	40.530	ng		100
32) Benzoic acid	10.004	122	640365	41.643	ng		96
33) 4-Chloroaniline	10.786	127	1143663	42.344	ng		98
34) Hexachlorobutadiene	10.957	225	473654	40.569	ng		97
35) Caprolactam	11.598	113	278759	44.070	ng		90
36) 4-Chloro-3-methylphenol	11.927	107	884375	41.802	ng		99
37) 2-Methylnaphthalene	12.286	142	1869214	40.889	ng		98
38) 1-Methylnaphthalene	12.504	142	1812965	40.576	ng		100
40) 1,2,4,5-Tetrachloroben...	12.657	216	887502	39.121	ng		99
41) Hexachlorocyclopentadiene	12.633	237	313574	38.583	ng		98
43) 2,4,6-Trichlorophenol	12.904	196	633223	40.693	ng		100

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44) 2,4,5-Trichlorophenol	12.986	196	674067	40.154	ng		98
46) 1,1'-Biphenyl	13.298	154	2443632	38.980	ng		99
47) 2-Chloronaphthalene	13.339	162	1850098	39.241	ng		98
48) 2-Nitroaniline	13.551	65	610598	42.783	ng		98
49) Acenaphthylene	14.186	152	2931734	39.698	ng		99
50) Dimethylphthalate	13.933	163	2364780	39.923	ng		99
51) 2,6-Dinitrotoluene	14.051	165	508099	40.977	ng		93
52) Acenaphthene	14.527	154	1765151	41.033	ng		100
53) 3-Nitroaniline	14.380	138	564883	42.450	ng		99
54) 2,4-Dinitrophenol	14.598	184	288594	40.606	ng		94
55) Dibenzofuran	14.862	168	2815127	40.846	ng		98
56) 4-Nitrophenol	14.715	139	414216	42.299	ng		86
57) 2,4-Dinitrotoluene	14.845	165	693256	44.027	ng		97
58) Fluorene	15.515	166	2212734	41.097	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.098	232	566475	42.431	ng		97
60) Diethylphthalate	15.292	149	2439651	42.086	ng		100
61) 4-Chlorophenyl-phenyle...	15.509	204	1072562	41.167	ng		98
62) 4-Nitroaniline	15.545	138	577945	44.876	ng		90
63) Azobenzene	15.798	77	2293480	41.772	ng		98
65) 4,6-Dinitro-2-methylph...	15.610	198	423887	42.622	ng		89
66) n-Nitrosodiphenylamine	15.727	169	1965132	41.777	ng		99
67) 4-Bromophenyl-phenylether	16.398	248	655340	40.209	ng		99
68) Hexachlorobenzene	16.521	284	720928	40.459	ng		97
69) Atrazine	16.680	200	610906	42.782	ng		98
70) Pentachlorophenol	16.874	266	401784	42.822	ng		99
71) Phenanthrene	17.251	178	3396822	40.519	ng		100
72) Anthracene	17.345	178	3369883	41.198	ng		99
73) Carbazole	17.621	167	3315669	41.805	ng		99
74) Di-n-butylphthalate	18.186	149	4101041	43.232	ng		99
75) Fluoranthene	19.274	202	3654399	41.979	ng		98
77) Benzidine	19.462	184	1058279	44.982	ng		99
78) Pyrene	19.633	202	3765409	41.917	ng		100
80) Butylbenzylphthalate	20.533	149	1733416	43.562	ng		98
81) Benzo(a)anthracene	21.380	228	3272654	41.046	ng		99
82) 3,3'-Dichlorobenzidine	21.315	252	762367	41.533	ng		99
83) Chrysene	21.433	228	3125001	40.577	ng		100
84) Bis(2-ethylhexyl)phtha...	21.309	149	2465904	43.208	ng		99
85) Di-n-octyl phthalate	22.215	149	3916046	42.234	ng		98
87) Indeno(1,2,3-cd)pyrene	26.168	276	3054639	39.531	ng	#	95
88) Benzo(b)fluoranthene	23.027	252	2749874	41.738	ng	#	96
89) Benzo(k)fluoranthene	23.074	252	2830063	42.430	ng	#	97
90) Benzo(a)pyrene	23.638	252	2290012	41.198	ng	#	96
91) Dibenzo(a,h)anthracene	26.174	278	2545716	39.824	ng	#	96
92) Benzo(g,h,i)perylene	26.909	276	2515661	39.564	ng		96

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

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