Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081024\
Data File : BM047145.D
Acq On : 10 Aug 2024 16:31
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Quant Time: Aug 11 23:34:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Aug 11 23:24:37 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.375	152	315091	20.000	ng	0.00
21) Naphthalene-d8	10.133	136	1281047	20.000	ng	0.00
39) Acenaphthene-d10	14.033	164	834055	20.000	ng	0.00
64) Phenanthrene-d10	16.792	188	1737042	20.000	ng	0.00
76) Chrysene-d12	21.033	240	1511494	20.000	ng	0.00
86) Perylene-d12	23.733	264	1841387	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.022	112	1654844	93.844	ng	0.00
7) Phenol-d6	6.587	99	2315558	95.298	ng	0.00
23) Nitrobenzene-d5	8.528	82	2421031	95.162	ng	0.00
42) 2,4,6-Tribromophenol	15.545	330	952366	98.476	ng	0.00
45) 2-Fluorobiphenyl	12.645	172	5200055	96.172	ng	0.00
79) Terphenyl-d14	19.462	244	7014667	99.443	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.034	88	343225	46.976	ng	98
3) Pyridine	3.410	79	1022963m	47.780	ng	
4) n-Nitrosodimethylamine	3.328	42	444430	47.479	ng	99
6) Aniline	6.728	93	1103960	48.069	ng	99
8) 2-Chlorophenol	6.951	128	918928	47.779	ng	99
9) Benzaldehyde	6.540	77	590756	53.942	ng	98
10) Phenol	6.616	94	1142509	47.123	ng	99
11) bis(2-Chloroethyl)ether	6.828	93	997816	48.057	ng	100
12) 1,3-Dichlorobenzene	7.263	146	1098474	48.063	ng	99
13) 1,4-Dichlorobenzene	7.410	146	1107084	47.843	ng	99
14) 1,2-Dichlorobenzene	7.722	146	1030619	47.204	ng	99
15) Benzyl Alcohol	7.628	79	847663	49.018	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.916	45	1272990	47.724	ng	100
17) 2-Methylphenol	7.834	107	786481	48.623	ng	99
18) Hexachloroethane	8.428	117	435333	48.568	ng	100
19) n-Nitroso-di-n-propyla...	8.192	70	759990	46.435	ng	99
20) 3+4-Methylphenols	8.163	107	1106673	48.940	ng	98
22) Acetophenone	8.198	105	1441742	46.625	ng	99
24) Nitrobenzene	8.569	77	1216089	47.470	ng	96
25) Isophorone	9.092	82	2139220	48.292	ng	100
26) 2-Nitrophenol	9.263	139	582500	51.343	ng	98
27) 2,4-Dimethylphenol	9.345	122	658437	49.545	ng	100
28) bis(2-Chloroethoxy)met...	9.575	93	1347358	48.339	ng	100
29) 2,4-Dichlorophenol	9.798	162	993725	50.395	ng	99
30) 1,2,4-Trichlorobenzene	9.998	180	1089421	48.819	ng	99
31) Naphthalene	10.180	128	3038911	47.619	ng	99
32) Benzoic acid	9.539	122	838043	53.976	ng	97
33) 4-Chloroaniline	10.310	127	1197445	48.793	ng	99
34) Hexachlorobutadiene	10.469	225	650107	49.773	ng	99
35) Caprolactam	11.127	113	344173	50.259	ng	99
36) 4-Chloro-3-methylphenol	11.457	107	1033238	49.201	ng	99
37) 2-Methylnaphthalene	11.810	142	2180425	47.987	ng	99
38) 1-Methylnaphthalene	12.033	142	2140830	47.673	ng	97
40) 1,2,4,5-Tetrachloroben...	12.186	216	1138431	50.043	ng	99
41) Hexachlorocyclopentadiene	12.163	237	415149	52.261	ng	100
43) 2,4,6-Trichlorophenol	12.445	196	821910	50.831	ng	99

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44) 2,4,5-Trichlorophenol	12.521	196	909210	50.644	ng	99
46) 1,1'-Biphenyl	12.857	154	2837162	47.782	ng	99
47) 2-Chloronaphthalene	12.892	162	2210354	47.627	ng	99
48) 2-Nitroaniline	13.116	65	733636	50.459	ng	98
49) Acenaphthylene	13.751	152	3284244	48.009	ng	100
50) Dimethylphthalate	13.516	163	2800312	48.073	ng	99
51) 2,6-Dinitrotoluene	13.633	165	679884	49.929	ng	95
52) Acenaphthene	14.098	154	2067281	47.640	ng	99
53) 3-Nitroaniline	13.963	138	683158	50.067	ng	100
54) 2,4-Dinitrophenol	14.174	184	424486	52.012	ng	99
55) Dibenzofuran	14.439	168	3249834	47.413	ng	100
56) 4-Nitrophenol	14.298	139	606437	51.542	ng	96
57) 2,4-Dinitrotoluene	14.427	165	917536	50.482	ng	100
58) Fluorene	15.098	166	2690806	47.578	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.674	232	738067	50.022	ng	99
60) Diethylphthalate	14.898	149	2846430	47.851	ng	100
61) 4-Chlorophenyl-phenyle...	15.104	204	1289728	47.901	ng	98
62) 4-Nitroaniline	15.139	138	661759	49.229	ng	99
63) Azobenzene	15.398	77	2669713	47.334	ng	98
65) 4,6-Dinitro-2-methylph...	15.198	198	545293	53.617	ng	99
66) n-Nitrosodiphenylamine	15.321	169	2285297	48.302	ng	100
67) 4-Bromophenyl-phenylether	15.998	248	831353	49.667	ng	99
68) Hexachlorobenzene	16.098	284	983119	49.041	ng	99
69) Atrazine	16.292	200	662204	46.512	ng	99
70) Pentachlorophenol	16.457	266	719505	51.201	ng	98
71) Phenanthrene	16.839	178	4199256	48.170	ng	100
72) Anthracene	16.927	178	4107556	48.425	ng	100
73) Carbazole	17.209	167	4142913	47.836	ng	100
74) Di-n-butylphthalate	17.798	149	4924066	48.863	ng	100
75) Fluoranthene	18.874	202	5120629	48.293	ng	99
77) Benzidine	19.074	184	1399934	54.615	ng	100
78) Pyrene	19.239	202	5342784	49.505	ng	99
80) Butylbenzylphthalate	20.180	149	2261582	51.348	ng	97
81) Benzo(a)anthracene	21.015	228	4879819	48.632	ng	100
82) 3,3'-Dichlorobenzidine	20.956	252	1613787	51.403	ng	100
83) Chrysene	21.074	228	4586625	48.178	ng	99
84) Bis(2-ethylhexyl)phtha...	20.980	149	3143788	50.331	ng	99
85) Di-n-octyl phthalate	22.009	149	5477285	51.591	ng	99
87) Indeno(1,2,3-cd)pyrene	26.732	276	5881591	49.416	ng	100
88) Benzo(b)fluoranthene	22.891	252	5425845	49.618	ng	99
89) Benzo(k)fluoranthene	22.950	252	4875078	47.199	ng	99
90) Benzo(a)pyrene	23.609	252	4657835	49.170	ng	99
91) Dibenzo(a,h)anthracene	26.785	278	4698026	48.774	ng	100
92) Benzo(g,h,i)perylene	27.668	276	4981580	49.812	ng	99

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

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