Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081024\
Data File : BM047144.D
Acq On : 10 Aug 2024 15:51
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Quant Time: Aug 11 23:33:42 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	343346	20.000	ng	0.00
21) Naphthalene-d8	10.134	136	1387685	20.000	ng	0.00
39) Acenaphthene-d10	14.033	164	915049	20.000	ng	0.00
64) Phenanthrene-d10	16.792	188	1901562	20.000	ng	0.00
76) Chrysene-d12	21.033	240	1674112	20.000	ng	0.00
86) Perylene-d12	23.727	264	2019244	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.022	112	1471191	76.564	ng	0.00
7) Phenol-d6	6.587	99	2029645	76.657	ng	0.00
23) Nitrobenzene-d5	8.522	82	2162113	78.454	ng	0.00
42) 2,4,6-Tribromophenol	15.539	330	847891	79.913	ng	0.00
45) 2-Fluorobiphenyl	12.645	172	4628326	78.021	ng	0.00
79) Terphenyl-d14	19.462	244	6271744	80.275	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.034	88	301045	37.812	ng	100
3) Pyridine	3.411	79	894414m	38.338	ng	
4) n-Nitrosodimethylamine	3.328	42	391342	38.367	ng	100
6) Aniline	6.728	93	980743	39.189	ng	100
8) 2-Chlorophenol	6.952	128	813486	38.816	ng	100
9) Benzaldehyde	6.540	77	532876	37.348	ng	100
10) Phenol	6.610	94	997737	37.765	ng	100
11) bis(2-Chloroethyl)ether	6.828	93	881082	38.943	ng	100
12) 1,3-Dichlorobenzene	7.263	146	966606	38.813	ng	100
13) 1,4-Dichlorobenzene	7.410	146	981161	38.912	ng	100
14) 1,2-Dichlorobenzene	7.716	146	902511	37.935	ng	100
15) Benzyl Alcohol	7.628	79	754177	40.023	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.916	45	1139263	39.195	ng	100
17) 2-Methylphenol	7.834	107	688729	39.076	ng	100
18) Hexachloroethane	8.428	117	378211	38.722	ng	100
19) n-Nitroso-di-n-propyla...	8.187	70	674051	37.795	ng	100
20) 3+4-Methylphenols	8.163	107	969100	39.329	ng	100
22) Acetophenone	8.198	105	1283137	38.307	ng	100
24) Nitrobenzene	8.563	77	1091975	39.350	ng	100
25) Isophorone	9.093	82	1909053	39.785	ng	100
26) 2-Nitrophenol	9.263	139	504016	41.011	ng	100
27) 2,4-Dimethylphenol	9.345	122	579838	40.278	ng	100
28) bis(2-Chloroethoxy)met...	9.575	93	1208106	40.013	ng	100
29) 2,4-Dichlorophenol	9.798	162	865465	40.518	ng	100
30) 1,2,4-Trichlorobenzene	9.998	180	960853	39.749	ng	100
31) Naphthalene	10.181	128	2680978	38.782	ng	100
32) Benzoic acid	9.534	122	695240	41.337	ng	100
33) 4-Chloroaniline	10.310	127	1069700	40.238	ng	100
34) Hexachlorobutadiene	10.469	225	562225	39.737	ng	100
35) Caprolactam	11.122	113	303209	40.875	ng	100
36) 4-Chloro-3-methylphenol	11.451	107	909901	39.998	ng	100
37) 2-Methylnaphthalene	11.804	142	1912342	38.853	ng	100
38) 1-Methylnaphthalene	12.034	142	1890364	38.861	ng	100
40) 1,2,4,5-Tetrachloroben...	12.186	216	994174	39.833	ng	100
41) Hexachlorocyclopentadiene	12.163	237	366656	42.071	ng	100
43) 2,4,6-Trichlorophenol	12.445	196	730450	41.176	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.522	196	800233	40.628	ng	100
46) 1,1'-Biphenyl	12.857	154	2539356	38.981	ng	100
47) 2-Chloronaphthalene	12.886	162	1959972	38.494	ng	100
48) 2-Nitroaniline	13.116	65	652655	40.916	ng	100
49) Acenaphthylene	13.751	152	2931534	39.060	ng	100
50) Dimethylphthalate	13.516	163	2522996	39.479	ng	100
51) 2,6-Dinitrotoluene	13.628	165	601084	40.235	ng	100
52) Acenaphthene	14.098	154	1844024	38.733	ng	100
53) 3-Nitroaniline	13.963	138	606076	40.486	ng	100
54) 2,4-Dinitrophenol	14.175	184	373189	41.679	ng	100
55) Dibenzofuran	14.439	168	2890230	38.434	ng	100
56) 4-Nitrophenol	14.298	139	537017	41.602	ng	100
57) 2,4-Dinitrotoluene	14.428	165	806412	40.441	ng	100
58) Fluorene	15.092	166	2395462	38.607	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.675	232	650207	40.167	ng	100
60) Diethylphthalate	14.898	149	2558000	39.196	ng	100
61) 4-Chlorophenyl-phenyle...	15.098	204	1137143	38.496	ng	100
62) 4-Nitroaniline	15.139	138	584150	39.609	ng	100
63) Azobenzene	15.392	77	2403859	38.848	ng	100
65) 4,6-Dinitro-2-methylph...	15.198	198	476893	42.835	ng	100
66) n-Nitrosodiphenylamine	15.322	169	2039493	39.377	ng	100
67) 4-Bromophenyl-phenylether	15.998	248	725772	39.608	ng	100
68) Hexachlorobenzene	16.098	284	870505	39.667	ng	100
69) Atrazine	16.292	200	648319	41.597	ng	100
70) Pentachlorophenol	16.451	266	638108	41.480	ng	100
71) Phenanthrene	16.839	178	3712379	38.901	ng	100
72) Anthracene	16.927	178	3623679	39.024	ng	100
73) Carbazole	17.210	167	3693008	38.952	ng	100
74) Di-n-butylphthalate	17.792	149	4430949	40.165	ng	100
75) Fluoranthene	18.868	202	4559377	39.279	ng	100
77) Benzidine	19.074	184	1636101	57.629	ng	100
78) Pyrene	19.239	202	4770524	39.909	ng	100
80) Butylbenzylphthalate	20.174	149	2035184	41.719	ng	100
81) Benzo(a)anthracene	21.015	228	4353304	39.170	ng	100
82) 3,3'-Dichlorobenzidine	20.956	252	1483651	42.667	ng	100
83) Chrysene	21.074	228	4097336	38.858	ng	100
84) Bis(2-ethylhexyl)phtha...	20.974	149	2828936	40.891	ng	100
85) Di-n-octyl phthalate	22.009	149	4878689	41.489	ng	100
87) Indeno(1,2,3-cd)pyrene	26.727	276	5166805	39.586	ng	100
88) Benzo(b)fluoranthene	22.886	252	4689366	39.106	ng	100
89) Benzo(k)fluoranthene	22.945	252	4431625	39.126	ng	100
90) Benzo(a)pyrene	23.609	252	4136829	39.824	ng	100
91) Dibenzo(a,h)anthracene	26.780	278	4125251	39.055	ng	100
92) Benzo(g,h,i)perylene	27.662	276	4346786	39.636	ng	100

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

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