Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082924\
Data File : BF139220.D
Acq On : 29 Aug 2024 13:45
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Quant Time: Aug 29 15:34:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 29 15:21:04 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	103158	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	371755	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	209698	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	356416	20.000	ng	0.00
76) Chrysene-d12	14.045	240	167028	20.000	ng	0.00
86) Perylene-d12	15.515	264	177884	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	603236	93.741	ng	0.00
7) Phenol-d6	6.522	99	804749	94.271	ng	0.00
23) Nitrobenzene-d5	7.457	82	760266	98.308	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	205227	97.567	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1247187	92.606	ng	0.00
79) Terphenyl-d14	12.992	244	1134390	97.898	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	133837	47.552	ng	99
3) Pyridine	3.428	79	339428	47.408	ng	99
4) n-Nitrosodimethylamine	3.393	42	188914	48.820	ng	99
6) Aniline	6.551	93	368793	46.902	ng	94
8) 2-Chlorophenol	6.675	128	301007	46.551	ng	97
9) Benzaldehyde	6.439	77	243926	44.808	ng	99
10) Phenol	6.534	94	422920	47.381	ng	98
11) bis(2-Chloroethyl)ether	6.628	93	307575	46.719	ng	99
12) 1,3-Dichlorobenzene	6.828	146	361175	47.185	ng	99
13) 1,4-Dichlorobenzene	6.910	146	361874	46.790	ng	99
14) 1,2-Dichlorobenzene	7.063	146	335836	46.390	ng	99
15) Benzyl Alcohol	7.028	79	314936	47.373	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	438718	46.914	ng	100
17) 2-Methylphenol	7.139	107	258282	47.303	ng	98
18) Hexachloroethane	7.404	117	128897	48.121	ng	98
19) n-Nitroso-di-n-propyla...	7.304	70	244844	46.095	ng	99
20) 3+4-Methylphenols	7.292	107	326722	46.170	ng	96
22) Acetophenone	7.298	105	445621	47.118	ng	97
24) Nitrobenzene	7.475	77	394879	48.825	ng	99
25) Isophorone	7.710	82	639272	47.695	ng	100
26) 2-Nitrophenol	7.786	139	151763	52.420	ng	99
27) 2,4-Dimethylphenol	7.822	122	204998	48.261	ng	100
28) bis(2-Chloroethoxy)met...	7.922	93	370499	47.476	ng	100
29) 2,4-Dichlorophenol	8.028	162	261893	47.929	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	296766	47.328	ng	99
31) Naphthalene	8.192	128	904522	47.451	ng	100
32) Benzoic acid	7.945	122	198021	52.480	ng	98
33) 4-Chloroaniline	8.239	127	310050	47.449	ng	99
34) Hexachlorobutadiene	8.310	225	196541	47.550	ng	98
35) Caprolactam	8.616	113	78931	48.490	ng	98
36) 4-Chloro-3-methylphenol	8.716	107	292870	48.825	ng	98
37) 2-Methylnaphthalene	8.880	142	567186	47.226	ng	100
38) 1-Methylnaphthalene	8.980	142	557704	47.084	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	296091	47.509	ng	99
41) Hexachlorocyclopentadiene	9.033	237	114329	52.375	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	189725	47.860	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	207763	48.700	ng	99
46) 1,1'-Biphenyl	9.351	154	710486	47.274	ng	99
47) 2-Chloronaphthalene	9.375	162	566508	47.486	ng	100
48) 2-Nitroaniline	9.469	65	188758	51.382	ng	99
49) Acenaphthylene	9.786	152	809349	47.727	ng	100
50) Dimethylphthalate	9.651	163	618155	47.078	ng	100
51) 2,6-Dinitrotoluene	9.710	165	143846	50.688	ng	98
52) Acenaphthene	9.963	154	546388	48.258	ng	99
53) 3-Nitroaniline	9.880	138	138821	49.660	ng	99
54) 2,4-Dinitrophenol	9.980	184	68917	48.678	ng	99
55) Dibenzofuran	10.133	168	769584	47.189	ng	100
56) 4-Nitrophenol	10.027	139	108532	50.776	ng	98
57) 2,4-Dinitrotoluene	10.110	165	186092	52.055	ng	100
58) Fluorene	10.474	166	604113	46.809	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	163797	48.417	ng	98
60) Diethylphthalate	10.345	149	594313	47.356	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	304981	47.097	ng	99
62) 4-Nitroaniline	10.492	138	136417	49.698	ng	100
63) Azobenzene	10.627	77	653054	47.211	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	94291	53.555	ng	97
66) n-Nitrosodiphenylamine	10.586	169	504889	47.694	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	184623	47.663	ng	98
68) Hexachlorobenzene	11.022	284	202367	47.765	ng	99
69) Atrazine	11.110	200	104306	39.615	ng	99
70) Pentachlorophenol	11.210	266	137466	51.278	ng	100
71) Phenanthrene	11.433	178	849188	47.370	ng	100
72) Anthracene	11.486	178	828016	47.318	ng	100
73) Carbazole	11.639	167	733911	47.536	ng	100
74) Di-n-butylphthalate	11.974	149	780906	47.308	ng	100
75) Fluoranthene	12.621	202	810517	45.925	ng	100
77) Benzidine	12.745	184	167933	50.874	ng	99
78) Pyrene	12.851	202	796392	49.618	ng	100
80) Butylbenzylphthalate	13.468	149	188238	50.325	ng	98
81) Benzo(a)anthracene	14.033	228	512412	46.842	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	144397	50.270	ng	98
83) Chrysene	14.074	228	493059	48.423	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	206717	51.370	ng	98
85) Di-n-octyl phthalate	14.645	149	412811	52.614	ng	100
87) Indeno(1,2,3-cd)pyrene	16.998	276	626225	49.929	ng	99
88) Benzo(b)fluoranthene	15.086	252	524362	49.217	ng	99
89) Benzo(k)fluoranthene	15.115	252	408292	43.947	ng	100
90) Benzo(a)pyrene	15.457	252	434270	48.340	ng	99
91) Dibenzo(a,h)anthracene	17.021	278	515150	49.357	ng	99
92) Benzo(g,h,i)perylene	17.451	276	523147	49.731	ng	100

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

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