Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082924\
Data File : BF139219.D
Acq On : 29 Aug 2024 13:16
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Quant Time: Aug 29 15:33:47 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	6.887	152	99889	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	365357	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	204684	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	352028	20.000	ng	0.00
76) Chrysene-d12	14.045	240	167517	20.000	ng	0.00
86) Perylene-d12	15.521	264	166666	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	500204	80.274	ng	0.00
7) Phenol-d6	6.516	99	657364	79.526	ng	0.00
23) Nitrobenzene-d5	7.451	82	620228	81.604	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	168354	81.998	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1049653	79.848	ng	0.00
79) Terphenyl-d14	12.998	244	979266	84.264	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.675	88	108871	39.947	ng	100
3) Pyridine	3.428	79	277054	39.963	ng	100
4) n-Nitrosodimethylamine	3.387	42	151314	40.383	ng	100
6) Aniline	6.551	93	304374	39.977	ng	100
8) 2-Chlorophenol	6.675	128	250533	40.013	ng	100
9) Benzaldehyde	6.440	77	203246	38.557	ng	100
10) Phenol	6.528	94	348941	40.372	ng	100
11) bis(2-Chloroethyl)ether	6.628	93	254461	39.916	ng	100
12) 1,3-Dichlorobenzene	6.828	146	296197	39.963	ng	100
13) 1,4-Dichlorobenzene	6.904	146	296931	39.650	ng	100
14) 1,2-Dichlorobenzene	7.063	146	278851	39.779	ng	100
15) Benzyl Alcohol	7.028	79	262130	40.720	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.163	45	360305	39.790	ng	100
17) 2-Methylphenol	7.140	107	215169	40.697	ng	100
18) Hexachloroethane	7.404	117	103841	40.036	ng	100
19) n-Nitroso-di-n-propyla...	7.304	70	200672	39.016	ng	100
20) 3+4-Methylphenols	7.292	107	273438	39.905	ng	100
22) Acetophenone	7.298	105	369069	39.707	ng	100
24) Nitrobenzene	7.475	77	322266	40.544	ng	100
25) Isophorone	7.710	82	523708	39.757	ng	100
26) 2-Nitrophenol	7.787	139	122554	43.072	ng	100
27) 2,4-Dimethylphenol	7.822	122	168244	40.302	ng	100
28) bis(2-Chloroethoxy)met...	7.922	93	303368	39.555	ng	100
29) 2,4-Dichlorophenol	8.028	162	215879	40.200	ng	100
30) 1,2,4-Trichlorobenzene	8.110	180	246023	39.922	ng	100
31) Naphthalene	8.192	128	745170	39.776	ng	100
32) Benzoic acid	7.934	122	154254	41.597	ng	100
33) 4-Chloroaniline	8.239	127	255674	39.813	ng	100
34) Hexachlorobutadiene	8.310	225	163005	40.127	ng	100
35) Caprolactam	8.610	113	63952	39.976	ng	100
36) 4-Chloro-3-methylphenol	8.716	107	237287	40.251	ng	100
37) 2-Methylnaphthalene	8.881	142	472195	40.005	ng	100
38) 1-Methylnaphthalene	8.981	142	459681	39.488	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	245378	40.336	ng	100
41) Hexachlorocyclopentadiene	9.034	237	92099	43.225	ng	100
43) 2,4,6-Trichlorophenol	9.157	196	158570	40.981	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	171683	41.228	ng	100
46) 1,1'-Biphenyl	9.345	154	592858	40.413	ng	100
47) 2-Chloronaphthalene	9.375	162	469505	40.319	ng	100
48) 2-Nitroaniline	9.469	65	154349	43.045	ng	100
49) Acenaphthylene	9.786	152	669813	40.466	ng	100
50) Dimethylphthalate	9.651	163	515889	40.252	ng	100
51) 2,6-Dinitrotoluene	9.710	165	117434	42.395	ng	100
52) Acenaphthene	9.963	154	448522	40.585	ng	100
53) 3-Nitroaniline	9.881	138	114018	41.787	ng	100
54) 2,4-Dinitrophenol	9.981	184	50558	38.326	ng	100
55) Dibenzofuran	10.133	168	634556	39.862	ng	100
56) 4-Nitrophenol	10.028	139	89645	42.967	ng	100
57) 2,4-Dinitrotoluene	10.110	165	148924	42.679	ng	100
58) Fluorene	10.475	166	498775	39.594	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	139550	42.261	ng	100
60) Diethylphthalate	10.345	149	493191	40.261	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	252624	39.967	ng	100
62) 4-Nitroaniline	10.492	138	112680	42.056	ng	100
63) Azobenzene	10.628	77	548932	40.656	ng	100
65) 4,6-Dinitro-2-methylph...	10.516	198	73696	42.380	ng	100
66) n-Nitrosodiphenylamine	10.586	169	422056	40.367	ng	100
67) 4-Bromophenyl-phenylether	10.957	248	156817	40.989	ng	100
68) Hexachlorobenzene	11.022	284	169772	40.571	ng	100
69) Atrazine	11.110	200	100160	38.515	ng	100
70) Pentachlorophenol	11.210	266	114364	43.192	ng	100
71) Phenanthrene	11.439	178	704603	39.794	ng	100
72) Anthracene	11.486	178	694869	40.204	ng	100
73) Carbazole	11.639	167	614484	40.297	ng	100
74) Di-n-butylphthalate	11.975	149	651586	39.966	ng	100
75) Fluoranthene	12.622	202	691274	39.656	ng	100
77) Benzidine	12.745	184	153308	46.308	ng	100
78) Pyrene	12.851	202	682936	42.425	ng	100
80) Butylbenzylphthalate	13.469	149	158733	42.313	ng	100
81) Benzo(a)anthracene	14.033	228	455173	41.488	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	119144	41.357	ng	100
83) Chrysene	14.074	228	395684	38.746	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	169442	41.984	ng	100
85) Di-n-octyl phthalate	14.645	149	326600	41.504	ng	100
87) Indeno(1,2,3-cd)pyrene	16.998	276	493380	41.985	ng	100
88) Benzo(b)fluoranthene	15.086	252	402231	40.294	ng	100
89) Benzo(k)fluoranthene	15.115	252	340066	39.068	ng	100
90) Benzo(a)pyrene	15.457	252	342173	40.652	ng	100
91) Dibenzo(a,h)anthracene	17.021	278	410624	41.990	ng	100
92) Benzo(g,h,i)perylene	17.451	276	415408	42.147	ng	100

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

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