Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070924\
Data File : BF138486.D
Acq On : 09 Jul 2024 14:29
Operator : CG\JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Quant Time: Jul 09 16:45:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 09 16:32:47 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	96160	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	383936	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	215266	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	374771	20.000	ng	0.00
76) Chrysene-d12	14.027	240	178592	20.000	ng	0.00
86) Perylene-d12	15.486	264	166880	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	486677	80.156	ng	0.00
7) Phenol-d6	6.504	99	642875	79.593	ng	0.00
23) Nitrobenzene-d5	7.433	82	623789	79.770	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	159414	79.237	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	1054009	76.525	ng	0.00
79) Terphenyl-d14	12.974	244	894658	81.611	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.634	88	109829	40.843	ng	100
3) Pyridine	3.393	79	267168	40.288	ng	100
4) n-Nitrosodimethylamine	3.351	42	177042	41.011	ng	100
6) Aniline	6.534	93	306731	40.544	ng	100
8) 2-Chlorophenol	6.657	128	257194	40.061	ng	100
9) Benzaldehyde	6.422	77	168999	39.090	ng	100
10) Phenol	6.522	94	340416	39.706	ng	100
11) bis(2-Chloroethyl)ether	6.604	93	259599	40.217	ng	100
12) 1,3-Dichlorobenzene	6.810	146	288453	39.971	ng	100
13) 1,4-Dichlorobenzene	6.886	146	295382	40.307	ng	100
14) 1,2-Dichlorobenzene	7.039	146	272930	39.988	ng	100
15) Benzyl Alcohol	7.010	79	244725	40.373	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.145	45	512549	40.378	ng	100
17) 2-Methylphenol	7.128	107	211360	40.170	ng	100
18) Hexachloroethane	7.381	117	108782	40.379	ng	100
19) n-Nitroso-di-n-propyla...	7.281	70	196491	39.370	ng	100
20) 3+4-Methylphenols	7.281	107	261949	39.535	ng	100
22) Acetophenone	7.281	105	360096	38.617	ng	100
24) Nitrobenzene	7.451	77	318377	40.064	ng	100
25) Isophorone	7.686	82	526549	39.210	ng	100
26) 2-Nitrophenol	7.769	139	138540	40.676	ng	100
27) 2,4-Dimethylphenol	7.804	122	166870	39.863	ng	100
28) bis(2-Chloroethoxy)met...	7.898	93	316996	39.497	ng	100
29) 2,4-Dichlorophenol	8.010	162	217687	40.045	ng	100
30) 1,2,4-Trichlorobenzene	8.092	180	250058	39.487	ng	100
31) Naphthalene	8.175	128	784812	39.304	ng	100
32) Benzoic acid	7.928	122	168351	42.372	ng	100
33) 4-Chloroaniline	8.222	127	273321	39.012	ng	100
34) Hexachlorobutadiene	8.286	225	153333	39.320	ng	100
35) Caprolactam	8.598	113	69639	39.680	ng	100
36) 4-Chloro-3-methylphenol	8.704	107	239534	39.360	ng	100
37) 2-Methylnaphthalene	8.863	142	495936	38.595	ng	100
38) 1-Methylnaphthalene	8.963	142	494715	39.448	ng	100
40) 1,2,4,5-Tetrachloroben...	9.027	216	236831	39.475	ng	100
41) Hexachlorocyclopentadiene	9.010	237	81564	41.884	ng	100
43) 2,4,6-Trichlorophenol	9.139	196	152068	39.735	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	170164	40.426	ng	100
46) 1,1'-Biphenyl	9.327	154	635486	38.954	ng	100
47) 2-Chloronaphthalene	9.351	162	485045	39.356	ng	100
48) 2-Nitroaniline	9.451	65	173307	40.580	ng	100
49) Acenaphthylene	9.769	152	685782	39.193	ng	100
50) Dimethylphthalate	9.627	163	548821	39.428	ng	100
51) 2,6-Dinitrotoluene	9.692	165	130041	40.575	ng	100
52) Acenaphthene	9.939	154	451151	38.788	ng	100
53) 3-Nitroaniline	9.863	138	132518	40.342	ng	100
54) 2,4-Dinitrophenol	9.963	184	63397	39.375	ng	100
55) Dibenzofuran	10.110	168	657560	38.977	ng	100
56) 4-Nitrophenol	10.022	139	99611	41.098	ng	100
57) 2,4-Dinitrotoluene	10.092	165	167178	40.316	ng	100
58) Fluorene	10.451	166	516597	38.700	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.227	232	133876	40.300	ng	100
60) Diethylphthalate	10.322	149	528410	39.378	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	258108	38.506	ng	100
62) 4-Nitroaniline	10.474	138	131268	39.879	ng	100
63) Azobenzene	10.604	77	564706	39.142	ng	100
65) 4,6-Dinitro-2-methylph...	10.504	198	91509	42.288	ng	100
66) n-Nitrosodiphenylamine	10.563	169	444135	39.555	ng	100
67) 4-Bromophenyl-phenylether	10.933	248	152217	39.517	ng	100
68) Hexachlorobenzene	10.998	284	167309	39.098	ng	100
69) Atrazine	11.092	200	147342	39.579	ng	100
70) Pentachlorophenol	11.192	266	103523	40.884	ng	100
71) Phenanthrene	11.416	178	737936	38.975	ng	100
72) Anthracene	11.469	178	734572	39.084	ng	100
73) Carbazole	11.621	167	659864	39.068	ng	100
74) Di-n-butylphthalate	11.945	149	764619	39.274	ng	100
75) Fluoranthene	12.604	202	746834	38.656	ng	100
77) Benzidine	12.721	184	182037	40.400	ng	100
78) Pyrene	12.833	202	750229	41.382	ng	100
80) Butylbenzylphthalate	13.445	149	226600	41.550	ng	100
81) Benzo(a)anthracene	14.015	228	477714	39.864	ng	100
82) 3,3'-Dichlorobenzidine	13.980	252	123934	40.136	ng	100
83) Chrysene	14.051	228	447767	39.498	ng	100
84) Bis(2-ethylhexyl)phtha...	13.998	149	244482	42.033	ng	100
85) Di-n-octyl phthalate	14.609	149	369947	40.262	ng	100
87) Indeno(1,2,3-cd)pyrene	16.962	276	490998	43.802	ng	100
88) Benzo(b)fluoranthene	15.062	252	357977	38.090	ng	100
89) Benzo(k)fluoranthene	15.092	252	352362	38.442	ng	100
90) Benzo(a)pyrene	15.427	252	325875	39.472	ng	100
91) Dibenzo(a,h)anthracene	16.980	278	405011	44.170	ng	100
92) Benzo(g,h,i)perylene	17.415	276	423949	43.602	ng	100

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

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