Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101323\
Data File : BF135751.D
Acq On : 13 Oct 2023 13:54
Operator : CG\JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Quant Time: Oct 13 17:04:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 13 16:43:54 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	120513	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	453899	20.000	ng	0.00
39) Acenaphthene-d10	9.780	164	234981	20.000	ng	0.00
64) Phenanthrene-d10	11.274	188	422510	20.000	ng	0.00
76) Chrysene-d12	13.945	240	300140	20.000	ng	0.00
86) Perylene-d12	15.415	264	287691	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	594498	79.311	ng	0.00
7) Phenol-d6	6.398	99	710861	76.006	ng	0.00
23) Nitrobenzene-d5	7.316	82	663291	80.371	ng	0.00
42) 2,4,6-Tribromophenol	10.580	330	180083	79.865	ng	0.00
45) 2-Fluorobiphenyl	9.104	172	1178215	78.396	ng	0.00
79) Terphenyl-d14	12.874	244	1248724	77.048	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.422	88	138749	38.376	ng	100
3) Pyridine	3.175	79	361376	40.566	ng	100
4) n-Nitrosodimethylamine	3.151	42	197975	41.499	ng	100
6) Aniline	6.416	93	462094	39.261	ng	100
8) 2-Chlorophenol	6.534	128	314666	38.929	ng	100
9) Benzaldehyde	6.304	77	200314	37.630	ng	100
10) Phenol	6.410	94	386761	39.466	ng	100
11) bis(2-Chloroethyl)ether	6.486	93	314239	39.796	ng	100
12) 1,3-Dichlorobenzene	6.681	146	317083	38.694	ng	100
13) 1,4-Dichlorobenzene	6.757	146	322522	38.851	ng	100
14) 1,2-Dichlorobenzene	6.910	146	288357	38.578	ng	100
15) Benzyl Alcohol	6.898	79	242927	39.064	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.022	45	547643	38.348	ng	100
17) 2-Methylphenol	7.010	107	265453	37.935	ng	100
18) Hexachloroethane	7.245	117	113504	37.710	ng	100
19) n-Nitroso-di-n-propyla...	7.163	70	210101	36.332	ng	100
20) 3+4-Methylphenols	7.169	107	332384	38.102	ng	100
22) Acetophenone	7.157	105	412647	39.640	ng	100
24) Nitrobenzene	7.333	77	340944	41.163	ng	100
25) Isophorone	7.569	82	627642	40.312	ng	100
26) 2-Nitrophenol	7.645	139	170688	42.227	ng	100
27) 2,4-Dimethylphenol	7.692	122	273698	41.131	ng	100
28) bis(2-Chloroethoxy)met...	7.780	93	385001	41.522	ng	100
29) 2,4-Dichlorophenol	7.892	162	258457	41.447	ng	100
30) 1,2,4-Trichlorobenzene	7.963	180	255790	40.105	ng	100
31) Naphthalene	8.045	128	895008	40.426	ng	100
32) Benzoic acid	7.845	122	201437	44.835	ng	100
33) 4-Chloroaniline	8.104	127	391504	40.482	ng	100
34) Hexachlorobutadiene	8.151	225	154787	41.001	ng	100
35) Caprolactam	8.492	113	88879	41.647	ng	100
36) 4-Chloro-3-methylphenol	8.598	107	291001	42.080	ng	100
37) 2-Methylnaphthalene	8.739	142	601560	41.241	ng	100
38) 1-Methylnaphthalene	8.833	142	553360	41.131	ng	100
40) 1,2,4,5-Tetrachloroben...	8.904	216	278058	41.137	ng	100
41) Hexachlorocyclopentadiene	8.880	237	29253	39.695	ng	100
43) 2,4,6-Trichlorophenol	9.027	196	179370	41.180	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.075	196	209009	41.256	ng	100
46) 1,1'-Biphenyl	9.204	154	725785	40.322	ng	100
47) 2-Chloronaphthalene	9.227	162	520961	40.159	ng	100
48) 2-Nitroaniline	9.339	65	208999	40.816	ng	100
49) Acenaphthylene	9.645	152	840949	39.172	ng	100
50) Dimethylphthalate	9.510	163	626777	39.512	ng	100
51) 2,6-Dinitrotoluene	9.580	165	137941	40.438	ng	100
52) Acenaphthene	9.816	154	518154	40.268	ng	100
53) 3-Nitroaniline	9.757	138	169301	40.486	ng	100
54) 2,4-Dinitrophenol	9.880	184	61778	43.385	ng	100
55) Dibenzofuran	9.986	168	769198	39.618	ng	100
56) 4-Nitrophenol	9.945	139	71325	40.163	ng	100
57) 2,4-Dinitrotoluene	9.998	165	172036	39.642	ng	100
58) Fluorene	10.333	166	580079	38.164	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.116	232	154863	40.449	ng	100
60) Diethylphthalate	10.210	149	629196	38.853	ng	100
61) 4-Chlorophenyl-phenyle...	10.322	204	281743	38.352	ng	100
62) 4-Nitroaniline	10.374	138	152458	39.626	ng	100
63) Azobenzene	10.486	77	623866	39.652	ng	100
65) 4,6-Dinitro-2-methylph...	10.410	198	96024	45.159	ng	100
66) n-Nitrosodiphenylamine	10.451	169	539258	41.874	ng	100
67) 4-Bromophenyl-phenylether	10.816	248	178266	42.031	ng	100
68) Hexachlorobenzene	10.886	284	178588	41.358	ng	100
69) Atrazine	10.980	200	143419	40.944	ng	100
70) Pentachlorophenol	11.092	266	76112	45.327	ng	100
71) Phenanthrene	11.304	178	833356	41.173	ng	100
72) Anthracene	11.357	178	885726	42.231	ng	100
73) Carbazole	11.516	167	824445	42.148	ng	100
74) Di-n-butylphthalate	11.845	149	1041151	43.352	ng	100
75) Fluoranthene	12.498	202	949689	42.276	ng	100
77) Benzidine	12.627	184	264023	40.313	ng	100
78) Pyrene	12.733	202	952488	39.935	ng	100
80) Butylbenzylphthalate	13.351	149	437839	41.775	ng	100
81) Benzo(a)anthracene	13.933	228	822209	41.706	ng	100
82) 3,3'-Dichlorobenzidine	13.892	252	267447	40.905	ng	100
83) Chrysene	13.968	228	780527	40.876	ng	100
84) Bis(2-ethylhexyl)phtha...	13.910	149	591203	41.619	ng	100
85) Di-n-octyl phthalate	14.533	149	926520	41.133	ng	100
87) Indeno(1,2,3-cd)pyrene	16.921	276	630911	40.248	ng	100
88) Benzo(b)fluoranthene	14.986	252	688315	42.750	ng	100
89) Benzo(k)fluoranthene	15.015	252	616452	39.436	ng	100
90) Benzo(a)pyrene	15.356	252	622902	41.142	ng	100
91) Dibenzo(a,h)anthracene	16.921	278	522485	40.659	ng	100
92) Benzo(g,h,i)perylene	17.374	276	546916	41.433	ng	100

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

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