Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120623\
Data File : BF136419.D
Acq On : 06 Dec 2023 10:06
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Dec 06 11:00:24 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 06 09:40:27 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	129656	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	532928	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	274519	20.000	ng	0.00
64) Phenanthrene-d10	11.328	188	521927	20.000	ng	0.00
76) Chrysene-d12	13.980	240	325978	20.000	ng	0.00
86) Perylene-d12	15.457	264	251549	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	679861	77.439	ng	0.00
7) Phenol-d6	6.446	99	851792	77.764	ng	0.00
23) Nitrobenzene-d5	7.369	82	777781	78.898	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	271560	80.228	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1567874	77.931	ng	0.00
79) Terphenyl-d14	12.922	244	1905673	77.053	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.581	88	180136	51.875	ng	99
3) Pyridine	3.340	79	409733	48.723	ng	98
4) n-Nitrosodimethylamine	3.310	42	149760	40.991	ng	94
6) Aniline	6.469	93	543018	49.054	ng	99
8) 2-Chlorophenol	6.593	128	378130	39.453	ng	98
9) Benzaldehyde	6.357	77	234722	43.182	ng	99
10) Phenol	6.457	94	462657	39.694	ng	98
11) bis(2-Chloroethyl)ether	6.545	93	343965	39.591	ng	98
12) 1,3-Dichlorobenzene	6.745	146	388150	36.011	ng	99
13) 1,4-Dichlorobenzene	6.822	146	398401	36.437	ng	99
14) 1,2-Dichlorobenzene	6.975	146	370970	36.080	ng	99
15) Benzyl Alcohol	6.945	79	290613	39.621	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.081	45	433315	38.779	ng	99
17) 2-Methylphenol	7.057	107	337090	43.533	ng	97
18) Hexachloroethane	7.310	117	141298	37.014	ng	100
19) n-Nitroso-di-n-propyla...	7.222	70	249313	39.457	ng	99
20) 3+4-Methylphenols	7.210	107	393461	40.938	ng	95
22) Acetophenone	7.216	105	509623	38.725	ng	99
24) Nitrobenzene	7.387	77	379457	38.264	ng	99
25) Isophorone	7.622	82	693897	39.179	ng	99
26) 2-Nitrophenol	7.698	139	194409	39.876	ng	97
27) 2,4-Dimethylphenol	7.740	122	311679	51.846	ng	99
28) bis(2-Chloroethoxy)met...	7.834	93	424377	38.994	ng	99
29) 2,4-Dichlorophenol	7.940	162	307570	38.761	ng	100
30) 1,2,4-Trichlorobenzene	8.022	180	340386	36.788	ng	98
31) Naphthalene	8.104	128	1114342	37.917	ng	99
32) Benzoic acid	7.863	122	238607	40.011	ng	97
33) 4-Chloroaniline	8.151	127	467099	44.582	ng	97
34) Hexachlorobutadiene	8.216	225	196270	35.793	ng	99
35) Caprolactam	8.534	113	99164	40.581	ng	99
36) 4-Chloro-3-methylphenol	8.639	107	331167	39.307	ng	98
37) 2-Methylnaphthalene	8.792	142	736285	39.380	ng	98
38) 1-Methylnaphthalene	8.892	142	687647	37.480	ng	99
40) 1,2,4,5-Tetrachloroben...	8.957	216	340181	39.831	ng	100
41) Hexachlorocyclopentadiene	8.945	237	167010	52.783	ng	99
43) 2,4,6-Trichlorophenol	9.075	196	215986	38.839	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	258980	41.726	ng	99
46) 1,1'-Biphenyl	9.263	154	926030	39.644	ng	100
47) 2-Chloronaphthalene	9.286	162	679741	37.388	ng	99
48) 2-Nitroaniline	9.381	65	208103	42.678	ng	99
49) Acenaphthylene	9.698	152	1068989	41.276	ng	99
50) Dimethylphthalate	9.569	163	830671	41.100	ng	100
51) 2,6-Dinitrotoluene	9.628	165	177026	38.933	ng	98
52) Acenaphthene	9.875	154	662228	39.902	ng	99
53) 3-Nitroaniline	9.798	138	194208	41.827	ng	97
54) 2,4-Dinitrophenol	9.904	184	114927	49.992	ng	99
55) Dibenzofuran	10.045	168	986181	40.676	ng	99
56) 4-Nitrophenol	9.957	139	138253	39.719	ng	98
57) 2,4-Dinitrotoluene	10.034	165	240261	39.943	ng	99
58) Fluorene	10.386	166	763457	39.228	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.163	232	202351	40.701	ng	100
60) Diethylphthalate	10.263	149	800998	40.304	ng	98
61) 4-Chlorophenyl-phenyle...	10.381	204	378660	39.911	ng	99
62) 4-Nitroaniline	10.416	138	194328	42.150	ng	97
63) Azobenzene	10.545	77	725325	40.096	ng	99
65) 4,6-Dinitro-2-methylph...	10.439	198	136896	42.352	ng	98
66) n-Nitrosodiphenylamine	10.504	169	679168	40.553	ng	100
67) 4-Bromophenyl-phenylether	10.875	248	241560	39.807	ng	99
68) Hexachlorobenzene	10.933	284	256973	36.640	ng	98
69) Atrazine	11.033	200	156648	32.771	ng	98
70) Pentachlorophenol	11.133	266	153404	38.755	ng	96
71) Phenanthrene	11.351	178	1161129	40.475	ng	100
72) Anthracene	11.404	178	1183989	40.976	ng	100
73) Carbazole	11.563	167	999854	39.097	ng	99
74) Di-n-butylphthalate	11.898	149	1280172	40.833	ng	100
75) Fluoranthene	12.545	202	1186896	39.480	ng	99
77) Benzidine	12.669	184	219791	33.291	ng	98
78) Pyrene	12.775	202	1192430	37.351	ng	99
80) Butylbenzylphthalate	13.398	149	473211	41.639	ng	90
81) Benzo(a)anthracene	13.969	228	887862	39.102	ng	99
82) 3,3'-Dichlorobenzidine	13.933	252	284357	44.665	ng	99
83) Chrysene	14.004	228	887388	39.722	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	600635	43.112	ng	99
85) Di-n-octyl phthalate	14.580	149	909535	44.197	ng	99
87) Indeno(1,2,3-cd)pyrene	16.962	276	706655	40.436	ng	99
88) Benzo(b)fluoranthene	15.021	252	633877	36.855	ng	100
89) Benzo(k)fluoranthene	15.051	252	666870	41.143	ng	99
90) Benzo(a)pyrene	15.392	252	595435	41.921	ng	100
91) Dibenzo(a,h)anthracene	16.980	278	583113	40.729	ng	100
92) Benzo(g,h,i)perylene	17.421	276	588883	40.075	ng	98

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

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