Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120423\
Data File : BF136375.D
Acq On : 04 Dec 2023 11:33
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Dec 04 13:31:08 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 04 13:30:53 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.804	152	144735	20.000	ng		0.00
21) Naphthalene-d8	8.080	136	614486	20.000	ng		0.00
39) Acenaphthene-d10	9.839	164	316621	20.000	ng		0.00
64) Phenanthrene-d10	11.327	188	604200	20.000	ng		0.00
76) Chrysene-d12	13.980	240	339558	20.000	ng		0.00
86) Perylene-d12	15.456	264	252861	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.439	112	789894	75.960	ng		0.00
7) Phenol-d6	6.445	99	1003021	77.142	ng		0.00
23) Nitrobenzene-d5	7.369	82	953734	82.017	ng		0.00
42) 2,4,6-Tribromophenol	10.633	330	327645	84.642	ng		0.00
45) 2-Fluorobiphenyl	9.163	172	1928867	77.814	ng		0.00
79) Terphenyl-d14	12.927	244	2272957	77.213	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.593	88	152611	38.787	ng		94
3) Pyridine	3.351	79	426585	43.920	ng		94
4) n-Nitrosodimethylamine	3.328	42	177727	36.200	ng		90
6) Aniline	6.475	93	653921	53.210	ng		95
8) 2-Chlorophenol	6.592	128	441478	38.991	ng		94
9) Benzaldehyde	6.357	77	256582	35.406	ng		96
10) Phenol	6.457	94	547611	39.257	ng		97
11) bis(2-Chloroethyl)ether	6.545	93	410768	40.141	ng		97
12) 1,3-Dichlorobenzene	6.745	146	461278	35.899	ng		99
13) 1,4-Dichlorobenzene	6.822	146	467236	35.769	ng		98
14) 1,2-Dichlorobenzene	6.975	146	447102	36.155	ng		97
15) Benzyl Alcohol	6.951	79	375000	41.136	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.081	45	540153	38.001	ng		95
17) 2-Methylphenol	7.057	107	389017	43.702	ng		98
18) Hexachloroethane	7.310	117	166180	36.269	ng		96
19) n-Nitroso-di-n-propyla...	7.222	70	315153	40.527	ng		96
20) 3+4-Methylphenols	7.216	107	472666	40.857	ng		97
22) Acetophenone	7.216	105	625098	38.734	ng	#	96
24) Nitrobenzene	7.386	77	462372	39.237	ng		98
25) Isophorone	7.628	82	866494	41.325	ng		97
26) 2-Nitrophenol	7.698	139	230893	45.986	ng		99
27) 2,4-Dimethylphenol	7.739	122	374337	56.644	ng		95
28) bis(2-Chloroethoxy)met...	7.833	93	523283	41.259	ng		98
29) 2,4-Dichlorophenol	7.939	162	373034	41.849	ng		96
30) 1,2,4-Trichlorobenzene	8.022	180	408105	37.395	ng		96
31) Naphthalene	8.104	128	1354572	39.219	ng		99
32) Benzoic acid	7.869	122	307478	51.052	ng		96
33) 4-Chloroaniline	8.157	127	545880	46.496	ng		98
34) Hexachlorobutadiene	8.222	225	234409	36.714	ng		99
35) Caprolactam	8.539	113	120859	48.501	ng		97
36) 4-Chloro-3-methylphenol	8.639	107	409819	42.391	ng		97
37) 2-Methylnaphthalene	8.792	142	915063	42.235	ng		97
38) 1-Methylnaphthalene	8.892	142	844600	39.961	ng		96
40) 1,2,4,5-Tetrachloroben...	8.963	216	419791	41.660	ng		99
41) Hexachlorocyclopentadiene	8.945	237	196287	50.625	ng		98
43) 2,4,6-Trichlorophenol	9.075	196	272227	41.623	ng		92

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	317425	44.473	ng		97
46) 1,1'-Biphenyl	9.263	154	1132549	40.562	ng		98
47) 2-Chloronaphthalene	9.286	162	841032	38.787	ng		97
48) 2-Nitroaniline	9.386	65	255989	45.219	ng	#	82
49) Acenaphthylene	9.704	152	1322895	42.752	ng		99
50) Dimethylphthalate	9.569	163	1028792	42.990	ng		98
51) 2,6-Dinitrotoluene	9.627	165	220314	45.064	ng		99
52) Acenaphthene	9.874	154	797159	40.766	ng		97
53) 3-Nitroaniline	9.798	138	242486	49.987	ng		96
54) 2,4-Dinitrophenol	9.904	184	106332	46.765	ng		90
55) Dibenzofuran	10.045	168	1213429	41.702	ng		99
56) 4-Nitrophenol	9.957	139	176121	47.803	ng		90
57) 2,4-Dinitrotoluene	10.033	165	289563	44.341	ng		91
58) Fluorene	10.392	166	924581	40.509	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.163	232	246867	43.471	ng		97
60) Diethylphthalate	10.269	149	997893	41.686	ng		97
61) 4-Chlorophenyl-phenyle...	10.380	204	459303	41.438	ng		94
62) 4-Nitroaniline	10.416	138	237628	50.045	ng		96
63) Azobenzene	10.545	77	922611	41.573	ng		95
65) 4,6-Dinitro-2-methylph...	10.445	198	157749	47.744	ng		84
66) n-Nitrosodiphenylamine	10.504	169	839157	43.339	ng		98
67) 4-Bromophenyl-phenylether	10.874	248	293776	41.677	ng		96
68) Hexachlorobenzene	10.939	284	320067	39.232	ng		99
69) Atrazine	11.033	200	187325	32.614	ng		97
70) Pentachlorophenol	11.133	266	192136	41.665	ng		96
71) Phenanthrene	11.357	178	1413754	41.631	ng		98
72) Anthracene	11.410	178	1491502	43.797	ng		99
73) Carbazole	11.563	167	1223924	42.257	ng		100
74) Di-n-butylphthalate	11.898	149	1597560	44.083	ng		98
75) Fluoranthene	12.545	202	1433966	41.596	ng		95
77) Benzidine	12.668	184	257919	46.208	ng		99
78) Pyrene	12.774	202	1450005	38.992	ng		98
80) Butylbenzylphthalate	13.404	149	579694	50.087	ng		99
81) Benzo(a)anthracene	13.968	228	987024	39.135	ng		98
82) 3,3'-Dichlorobenzidine	13.939	252	327357	53.920	ng		97
83) Chrysene	14.009	228	984506	40.428	ng		99
84) Bis(2-ethylhexyl)phtha...	13.968	149	743821	53.551	ng	#	99
85) Di-n-octyl phthalate	14.586	149	1115701	49.301	ng		99
87) Indeno(1,2,3-cd)pyrene	16.962	276	735118	39.402	ng		98
88) Benzo(b)fluoranthene	15.027	252	702202	39.582	ng		99
89) Benzo(k)fluoranthene	15.056	252	695308	41.267	ng		98
90) Benzo(a)pyrene	15.398	252	640690	44.178	ng		98
91) Dibenzo(a,h)anthracene	16.992	278	601311	40.111	ng		99
92) Benzo(g,h,i)perylene	17.421	276	603852	39.999	ng		99

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

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