Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022625\
Data File : BF141775.D
Acq On : 26 Feb 2025 10:45
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Feb 26 11:15:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 16:58:59 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.781	152	85384	20.000	ng		-0.01
21) Naphthalene-d8	8.063	136	345346	20.000	ng		-0.01
39) Acenaphthene-d10	9.816	164	188350	20.000	ng		-0.02
64) Phenanthrene-d10	11.304	188	315416	20.000	ng		-0.01
76) Chrysene-d12	13.945	240	190171	20.000	ng		-0.02
86) Perylene-d12	15.392	264	189428	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.404	112	466432	85.642	ng		0.00
7) Phenol-d6	6.428	99	568111	82.530	ng		-0.01
23) Nitrobenzene-d5	7.351	82	518282	78.277	ng		-0.01
42) 2,4,6-Tribromophenol	10.610	330	154150	81.472	ng		-0.02
45) 2-Fluorobiphenyl	9.139	172	987847	80.803	ng		-0.01
79) Terphenyl-d14	12.886	244	1001068	88.866	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.463	88	90761	41.405	ng		93
3) Pyridine	3.193	79	224879	43.112	ng		93
4) n-Nitrosodimethylamine	3.152	42	123982	35.897	ng		88
6) Aniline	6.445	93	260952	40.412	ng		85
8) 2-Chlorophenol	6.575	128	250565	42.577	ng		99
9) Benzaldehyde	6.334	77	154886	42.342	ng		98
10) Phenol	6.445	94	294136	41.054	ng		97
11) bis(2-Chloroethyl)ether	6.522	93	219466	40.782	ng		100
12) 1,3-Dichlorobenzene	6.722	146	264975	42.649	ng		97
13) 1,4-Dichlorobenzene	6.798	146	265409	41.812	ng		98
14) 1,2-Dichlorobenzene	6.951	146	250587	42.534	ng		99
15) Benzyl Alcohol	6.934	79	211609	40.087	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.057	45	343419	37.280	ng		56
17) 2-Methylphenol	7.051	107	187635	40.743	ng		96
18) Hexachloroethane	7.292	117	97620	41.554	ng		96
19) n-Nitroso-di-n-propyla...	7.198	70	166799	40.509	ng		95
20) 3+4-Methylphenols	7.204	107	244599	41.793	ng	#	82
22) Acetophenone	7.192	105	344659	40.120	ng	#	91
24) Nitrobenzene	7.369	77	249297	38.612	ng		98
25) Isophorone	7.610	82	419034	39.692	ng		97
26) 2-Nitrophenol	7.687	139	135704	42.247	ng		91
27) 2,4-Dimethylphenol	7.728	122	152758	40.708	ng		98
28) bis(2-Chloroethoxy)met...	7.816	93	278738	41.204	ng		100
29) 2,4-Dichlorophenol	7.934	162	209577	41.335	ng		99
30) 1,2,4-Trichlorobenzene	8.010	180	225383	40.821	ng		99
31) Naphthalene	8.087	128	725441	40.355	ng		100
32) Benzoic acid	7.869	122	129646	33.261	ng		97
33) 4-Chloroaniline	8.139	127	263309	41.953	ng		98
34) Hexachlorobutadiene	8.198	225	135565	40.899	ng		99
35) Caprolactam	8.516	113	62085	40.218	ng		92
36) 4-Chloro-3-methylphenol	8.628	107	225929	40.227	ng		100
37) 2-Methylnaphthalene	8.775	142	478235	40.882	ng		100
38) 1-Methylnaphthalene	8.875	142	456969	40.333	ng		97
40) 1,2,4,5-Tetrachloroben...	8.945	216	226158	41.503	ng		99
41) Hexachlorocyclopentadiene	8.928	237	70017	38.631	ng		99
43) 2,4,6-Trichlorophenol	9.063	196	142256	40.392	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	152360	39.917	ng	97
46) 1,1'-Biphenyl	9.239	154	599651	41.065	ng	99
47) 2-Chloronaphthalene	9.269	162	444145	41.132	ng	98
48) 2-Nitroaniline	9.369	65	139713	38.554	ng	95
49) Acenaphthylene	9.681	152	646345	40.243	ng	100
50) Dimethylphthalate	9.539	163	528963	41.369	ng	99
51) 2,6-Dinitrotoluene	9.610	165	117206	41.931	ng	95
52) Acenaphthene	9.851	154	432327	40.039	ng	100
53) 3-Nitroaniline	9.781	138	118897	39.520	ng	98
54) 2,4-Dinitrophenol	9.898	184	61995	37.317	ng	89
55) Dibenzofuran	10.022	168	633880	39.995	ng	99
56) 4-Nitrophenol	9.963	139	82815	37.082	ng	92
57) 2,4-Dinitrotoluene	10.016	165	147701	39.692	ng	98
58) Fluorene	10.369	166	499306	40.745	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.151	232	129813	39.503	ng	95
60) Diethylphthalate	10.239	149	512946	40.773	ng	99
61) 4-Chlorophenyl-phenyle...	10.357	204	248595	42.168	ng	97
62) 4-Nitroaniline	10.398	138	116085	38.000	ng	94
63) Azobenzene	10.516	77	492750	39.399	ng	96
65) 4,6-Dinitro-2-methylph...	10.428	198	86949	39.684	ng	93
66) n-Nitrosodiphenylamine	10.480	169	422215	41.817	ng	99
67) 4-Bromophenyl-phenylether	10.845	248	150998	42.834	ng	98
68) Hexachlorobenzene	10.916	284	156619	43.146	ng	98
69) Atrazine	11.004	200	111316	36.750	ng	98
70) Pentachlorophenol	11.116	266	96995	41.789	ng	98
71) Phenanthrene	11.327	178	718095	41.360	ng	100
72) Anthracene	11.380	178	716154	41.033	ng	100
73) Carbazole	11.539	167	625228	39.813	ng	100
74) Di-n-butylphthalate	11.863	149	782379	43.146	ng	100
75) Fluoranthene	12.516	202	723900	39.327	ng	100
77) Benzidine	12.645	184	169464	40.405	ng	99
78) Pyrene	12.745	202	710043	43.860	ng	100
80) Butylbenzylphthalate	13.363	149	261592	46.652	ng	96
81) Benzo(a)anthracene	13.933	228	518321	41.002	ng	99
82) 3,3'-Dichlorobenzidine	13.898	252	162521	44.881	ng	98
83) Chrysene	13.969	228	488888	41.884	ng	100
84) Bis(2-ethylhexyl)phtha...	13.916	149	335921	53.117	ng	100
85) Di-n-octyl phthalate	14.527	149	509316	56.453	ng	97
87) Indeno(1,2,3-cd)pyrene	16.833	276	532782	45.519	ng	99
88) Benzo(b)fluoranthene	14.974	252	493954	38.835	ng	99
89) Benzo(k)fluoranthene	14.998	252	436482	40.188	ng	99
90) Benzo(a)pyrene	15.327	252	420633	40.870	ng	98
91) Dibenzo(a,h)anthracene	16.845	278	432192	45.570	ng	99
92) Benzo(g,h,i)perylene	17.268	276	449342	45.275	ng	99

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

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