Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111124\
Data File : BF140314.D
Acq On : 11 Nov 2024 13:48
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Quant Time: Nov 11 23:45:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 11 23:41:33 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	157908	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	589803	20.000	ng		0.00
39) Acenaphthene-d10	9.916	164	320470	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	611647	20.000	ng		0.00
76) Chrysene-d12	14.051	240	407960	20.000	ng		0.00
86) Perylene-d12	15.557	264	324192	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	196721	21.523	ng		0.00
7) Phenol-d6	6.498	99	261224	21.509	ng		-0.01
23) Nitrobenzene-d5	7.434	82	237056	20.865	ng		-0.01
42) 2,4,6-Tribromophenol	10.698	330	67212	21.588	ng		-0.01
45) 2-Fluorobiphenyl	9.227	172	466822	22.998	ng		0.00
79) Terphenyl-d14	12.980	244	510261	21.447	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.646	88	42377	10.310	ng		96
3) Pyridine	3.422	79	103278	10.426	ng		98
4) n-Nitrosodimethylamine	3.351	42	51399	9.891	ng		99
6) Aniline	6.534	93	119154	11.120	ng		99
8) 2-Chlorophenol	6.657	128	103248	10.640	ng		98
9) Benzaldehyde	6.428	77	83208	11.465	ng		99
10) Phenol	6.510	94	139769	10.849	ng		93
11) bis(2-Chloroethyl)ether	6.604	93	104533	10.588	ng		99
12) 1,3-Dichlorobenzene	6.816	146	120661	11.030	ng		98
13) 1,4-Dichlorobenzene	6.892	146	118845	10.776	ng		100
14) 1,2-Dichlorobenzene	7.045	146	113401	11.125	ng		97
15) Benzyl Alcohol	7.010	79	93979	10.464	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.145	45	142611	10.554	ng		99
17) 2-Methylphenol	7.122	107	82125	10.314	ng		99
18) Hexachloroethane	7.386	117	43647	10.560	ng		96
19) n-Nitroso-di-n-propyla...	7.275	70	76743	10.375	ng		99
20) 3+4-Methylphenols	7.275	107	110599	11.087	ng	#	85
22) Acetophenone	7.281	105	149796	10.935	ng		94
24) Nitrobenzene	7.451	77	123408	10.377	ng		99
25) Isophorone	7.692	82	204469	10.332	ng		100
26) 2-Nitrophenol	7.769	139	51601	10.144	ng		99
27) 2,4-Dimethylphenol	7.804	122	69433	10.443	ng		98
28) bis(2-Chloroethoxy)met...	7.898	93	125748	10.383	ng		99
29) 2,4-Dichlorophenol	8.010	162	85614	10.487	ng		100
30) 1,2,4-Trichlorobenzene	8.098	180	99415	10.799	ng		99
31) Naphthalene	8.181	128	320638	10.846	ng		98
32) Benzoic acid	7.881	122	46029	7.691	ng		98
33) 4-Chloroaniline	8.222	127	109053	10.664	ng		99
34) Hexachlorobutadiene	8.292	225	63452	10.697	ng		98
35) Caprolactam	8.563	113	26288	10.140	ng		93
36) 4-Chloro-3-methylphenol	8.698	107	92892	10.321	ng		98
37) 2-Methylnaphthalene	8.869	142	204614	10.876	ng		100
38) 1-Methylnaphthalene	8.969	142	198706	10.817	ng		98
40) 1,2,4,5-Tetrachloroben...	9.033	216	97052	10.798	ng		99
41) Hexachlorocyclopentadiene	9.022	237	16991	7.594	ng		98
43) 2,4,6-Trichlorophenol	9.145	196	60500	10.320	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	67599	10.645	ng		96
46) 1,1'-Biphenyl	9.333	154	257370	10.952	ng		99
47) 2-Chloronaphthalene	9.357	162	195038	10.846	ng		98
48) 2-Nitroaniline	9.451	65	60804	10.205	ng		97
49) Acenaphthylene	9.775	152	296650	10.978	ng		100
50) Dimethylphthalate	9.627	163	221123	10.625	ng		99
51) 2,6-Dinitrotoluene	9.692	165	48191	10.291	ng		98
52) Acenaphthene	9.945	154	196455	10.734	ng		100
53) 3-Nitroaniline	9.863	138	53023	10.701	ng		93
54) 2,4-Dinitrophenol	9.969	184	15836	6.684	ng	#	88
55) Dibenzofuran	10.116	168	283002	11.075	ng		99
56) 4-Nitrophenol	10.016	139	33305	9.418	ng		96
57) 2,4-Dinitrotoluene	10.098	165	64593	10.474	ng		97
58) Fluorene	10.463	166	225200	11.218	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	53605	10.610	ng		99
60) Diethylphthalate	10.327	149	229221	10.814	ng		100
61) 4-Chlorophenyl-phenyle...	10.451	204	113279	11.337	ng		99
62) 4-Nitroaniline	10.469	138	52385	10.563	ng		94
63) Azobenzene	10.610	77	227150	10.734	ng		99
65) 4,6-Dinitro-2-methylph...	10.504	198	28053	8.353	ng		98
66) n-Nitrosodiphenylamine	10.569	169	192616	10.800	ng		98
67) 4-Bromophenyl-phenylether	10.945	248	64636	10.547	ng		96
68) Hexachlorobenzene	11.010	284	71675	10.442	ng		98
69) Atrazine	11.092	200	55800	12.559	ng		100
70) Pentachlorophenol	11.204	266	36720	9.566	ng		98
71) Phenanthrene	11.427	178	318773	11.090	ng		99
72) Anthracene	11.474	178	307498	10.943	ng		99
73) Carbazole	11.627	167	303502	11.029	ng		99
74) Di-n-butylphthalate	11.957	149	362489	11.007	ng		99
75) Fluoranthene	12.616	202	357432	11.358	ng		98
77) Benzidine	12.733	184	114844	8.034	ng		100
78) Pyrene	12.845	202	366634	10.208	ng		99
80) Butylbenzylphthalate	13.457	149	138528	10.135	ng		96
81) Benzo(a)anthracene	14.039	228	276011	10.334	ng		99
82) 3,3'-Dichlorobenzidine	13.998	252	85486	9.994	ng		99
83) Chrysene	14.074	228	263977	10.798	ng		99
84) Bis(2-ethylhexyl)phtha...	14.021	149	190722	10.485	ng		99
85) Di-n-octyl phthalate	14.657	149	271595	10.150	ng		99
87) Indeno(1,2,3-cd)pyrene	17.051	276	188801	9.445	ng		100
88) Benzo(b)fluoranthene	15.115	252	206038	10.098	ng		99
89) Benzo(k)fluoranthene	15.145	252	175456	10.227	ng		99
90) Benzo(a)pyrene	15.492	252	169385	10.280	ng		99
91) Dibenzo(a,h)anthracene	17.068	278	157485	9.588	ng		99
92) Benzo(g,h,i)perylene	17.503	276	157208	9.272	ng		99

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

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