Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111924\
Data File : BF140471.D
Acq On : 19 Nov 2024 14:13
Operator : RC/JU
Sample : P4852-03MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-3MS

Quant Time: Nov 19 14:35:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 14:40:06 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	159273	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	604441	20.000	ng		0.00
39) Acenaphthene-d10	9.910	164	329881	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	587430	20.000	ng		0.00
76) Chrysene-d12	14.057	240	297623	20.000	ng		0.00
86) Perylene-d12	15.563	264	301999	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	1052326	112.808	ng		0.02
7) Phenol-d6	6.516	99	1437610	113.748	ng		0.01
23) Nitrobenzene-d5	7.440	82	918669	79.189	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	385531	117.525	ng		0.00
45) 2-Fluorobiphenyl	9.228	172	1601811	78.058	ng		0.00
79) Terphenyl-d14	12.986	244	1454456	84.827	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.758	88	196922	47.364	ng		98
3) Pyridine	3.510	79	464891	45.483	ng		99
4) n-Nitrosodimethylamine	3.469	42	256805	49.711	ng		99
6) Aniline	6.540	93	259944	23.643	ng	#	1
8) 2-Chlorophenol	6.663	128	529721	52.863	ng		98
9) Benzaldehyde	6.422	77	47919	6.326	ng		100
10) Phenol	6.534	94	650710	48.821	ng		91
11) bis(2-Chloroethyl)ether	6.610	93	521888	51.678	ng		100
12) 1,3-Dichlorobenzene	6.816	146	537566	48.621	ng		100
13) 1,4-Dichlorobenzene	6.893	146	539616	48.134	ng		99
14) 1,2-Dichlorobenzene	7.045	146	518588	49.829	ng		100
15) Benzyl Alcohol	7.016	79	460140	50.533	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.146	45	664700	47.651	ng		61
17) 2-Methylphenol	7.134	107	408212	49.521	ng	#	92
18) Hexachloroethane	7.381	117	203600	49.126	ng		96
19) n-Nitroso-di-n-propyla...	7.287	70	367542	48.150	ng		99
20) 3+4-Methylphenols	7.287	107	509217	49.396	ng		91
22) Acetophenone	7.281	105	694011	49.367	ng	#	97
24) Nitrobenzene	7.457	77	580511	48.061	ng		99
25) Isophorone	7.693	82	1019500	49.586	ng		100
26) 2-Nitrophenol	7.769	139	283478	52.888	ng		98
27) 2,4-Dimethylphenol	7.810	122	403102	58.743	ng		99
28) bis(2-Chloroethoxy)met...	7.898	93	631335	50.078	ng		100
29) 2,4-Dichlorophenol	8.016	162	432953	51.052	ng		99
30) 1,2,4-Trichlorobenzene	8.092	180	452658	47.942	ng		99
31) Naphthalene	8.175	128	1487350	48.508	ng		99
32) Benzoic acid	7.945	122	298719	49.472	ng		97
33) 4-Chloroaniline	8.240	127	73996	6.939	ng		97
34) Hexachlorobutadiene	8.287	225	289092	48.055	ng		99
35) Caprolactam	8.604	113	141424m	50.173	ng		
36) 4-Chloro-3-methylphenol	8.722	107	474777	50.518	ng		99
37) 2-Methylnaphthalene	8.869	142	970612	49.367	ng		99
38) 1-Methylnaphthalene	8.969	142	910890	47.311	ng		100
40) 1,2,4,5-Tetrachloroben...	9.034	216	455114	49.890	ng		99
41) Hexachlorocyclopentadiene	9.016	237	392593	167.619	ng		99
43) 2,4,6-Trichlorophenol	9.151	196	304343	50.837	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	321133	49.063	ng	97
46) 1,1'-Biphenyl	9.334	154	1190763	49.618	ng	100
47) 2-Chloronaphthalene	9.357	162	896328	49.030	ng	99
48) 2-Nitroaniline	9.457	65	298711	49.269	ng	99
49) Acenaphthylene	9.775	152	1445166	52.248	ng	100
50) Dimethylphthalate	9.634	163	1102017	51.252	ng	100
51) 2,6-Dinitrotoluene	9.698	165	236680	48.283	ng	99
52) Acenaphthene	9.945	154	1037837m	55.553	ng	
53) 3-Nitroaniline	9.869	138	125600	24.398	ng	99
54) 2,4-Dinitrophenol	9.981	184	265386	104.986	ng	98
55) Dibenzofuran	10.116	168	1308667	49.484	ng	99
56) 4-Nitrophenol	10.045	139	352328	93.830	ng	99
57) 2,4-Dinitrotoluene	10.104	165	320430	49.668	ng	98
58) Fluorene	10.463	166	1010321	48.359	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	277506	53.696	ng	97
60) Diethylphthalate	10.334	149	1075092	48.897	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	499623	48.439	ng	98
62) 4-Nitroaniline	10.486	138	232546	44.179	ng	99
63) Azobenzene	10.610	77	1170866	53.897	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	181689	57.487	ng	96
66) n-Nitrosodiphenylamine	10.575	169	890665	52.476	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	306660	52.224	ng	98
68) Hexachlorobenzene	11.010	284	337885	51.142	ng	98
69) Atrazine	11.098	200	285602	55.618	ng	98
70) Pentachlorophenol	11.210	266	337988	94.970	ng	99
71) Phenanthrene	11.428	178	1455837	52.758	ng	100
72) Anthracene	11.481	178	1407194	52.032	ng	100
73) Carbazole	11.633	167	1294193	48.464	ng	100
74) Di-n-butylphthalate	11.957	149	1576494	49.188	ng	100
75) Fluoranthene	12.616	202	1510430	48.788	ng	100
77) Benzidine	12.739	184	197074	17.252	ng	99
78) Pyrene	12.845	202	1501419	58.977	ng	100
80) Butylbenzylphthalate	13.457	149	554722	56.722	ng	98
81) Benzo(a)anthracene	14.045	228	1080364	55.232	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	194781	31.329	ng	99
83) Chrysene	14.080	228	988449	55.384	ng	100
84) Bis(2-ethylhexyl)phtha...	14.022	149	728758	55.828	ng	99
85) Di-n-octyl phthalate	14.663	149	1087473	59.151	ng	99
87) Indeno(1,2,3-cd)pyrene	17.074	276	968011	51.889	ng	100
88) Benzo(b)fluoranthene	15.127	252	933030	47.229	ng	99
89) Benzo(k)fluoranthene	15.157	252	901704m	55.872	ng	
90) Benzo(a)pyrene	15.504	252	874147	56.980	ng	99
91) Dibenzo(a,h)anthracene	17.092	278	774961	50.256	ng	99
92) Benzo(g,h,i)perylene	17.527	276	725727	46.035	ng	99

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

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