Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022725\
Data File : BP024124.D
Acq On : 27 Feb 2025 17:54
Operator : RC/JU
Sample : Q1442-03MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
351MS

Quant Time: Feb 28 00:08:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 18 02:25:07 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.758	152	403170	20.000	ng	0.00
21) Naphthalene-d8	10.528	136	1572816	20.000	ng	0.00
39) Acenaphthene-d10	14.387	164	903094	20.000	ng	0.00
64) Phenanthrene-d10	17.187	188	1712511	20.000	ng	0.00
76) Chrysene-d12	21.651	240	1833168	20.000	ng	0.00
86) Perylene-d12	25.039	264	1984229	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	3135788	121.362	ng	0.00
7) Phenol-d6	6.940	99	3960038	119.246	ng	0.00
23) Nitrobenzene-d5	8.899	82	2281031	80.910	ng	-0.01
42) 2,4,6-Tribromophenol	15.898	330	1396383	126.234	ng	0.00
45) 2-Fluorobiphenyl	12.993	172	4721994	73.097	ng	-0.01
79) Terphenyl-d14	19.916	244	6889738	74.369	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.311	88	457414	45.128	ng	98
3) Pyridine	3.705	79	1124642	42.677	ng	99
4) n-Nitrosodimethylamine	3.611	42	415056	44.403	ng	94
6) Aniline	7.093	93	922209	30.323	ng	99
8) 2-Chlorophenol	7.328	128	1233301	45.096	ng	96
9) Benzaldehyde	6.905	77	476534	31.430	ng	99
10) Phenol	6.964	94	1619768	48.505	ng	99
11) bis(2-Chloroethyl)ether	7.181	93	1194738	45.423	ng	98
12) 1,3-Dichlorobenzene	7.646	146	1316125	43.806	ng	100
13) 1,4-Dichlorobenzene	7.793	146	1341649	44.157	ng	99
14) 1,2-Dichlorobenzene	8.105	146	1274270	43.700	ng	100
15) Benzyl Alcohol	7.993	79	977634	48.093	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.269	45	1224858	47.972	ng	97
17) 2-Methylphenol	8.199	107	1005445	49.407	ng	99
18) Hexachloroethane	8.822	117	479530	43.824	ng	96
19) n-Nitroso-di-n-propyla...	8.552	70	839183	46.998	ng	100
20) 3+4-Methylphenols	8.522	107	1341360	48.452	ng	99
22) Acetophenone	8.569	105	1945622	48.139	ng	100
24) Nitrobenzene	8.946	77	1253777	45.188	ng	99
25) Isophorone	9.469	82	2244227	48.679	ng	100
26) 2-Nitrophenol	9.652	139	606099	47.416	ng	99
27) 2,4-Dimethylphenol	9.716	122	998578	59.512	ng	99
28) bis(2-Chloroethoxy)met...	9.946	93	1466016	43.895	ng	99
29) 2,4-Dichlorophenol	10.187	162	1056479	46.137	ng	100
30) 1,2,4-Trichlorobenzene	10.393	180	1098902	41.885	ng	99
31) Naphthalene	10.581	128	3600583	42.575	ng	100
32) Benzoic acid	9.852	122	668589	39.540	ng	100
33) 4-Chloroaniline	10.687	127	496677	16.671	ng	98
34) Hexachlorobutadiene	10.869	225	633747	41.704	ng	99
35) Caprolactam	11.481	113	385160	49.712	ng	95
36) 4-Chloro-3-methylphenol	11.822	107	1110684	47.182	ng	97
37) 2-Methylnaphthalene	12.193	142	2352689	41.856	ng	100
38) 1-Methylnaphthalene	12.410	142	2297921	42.023	ng	99
40) 1,2,4,5-Tetrachloroben...	12.569	216	1305931	47.064	ng	99
41) Hexachlorocyclopentadiene	12.546	237	1408970	136.457	ng	100
43) 2,4,6-Trichlorophenol	12.810	196	796806	47.086	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.887	196	877684	47.425	ng		99
46) 1,1'-Biphenyl	13.210	154	3373939	48.078	ng		99
47) 2-Chloronaphthalene	13.251	162	2317117	43.679	ng		99
48) 2-Nitroaniline	13.457	65	662558	52.872	ng		99
49) Acenaphthylene	14.104	152	3897558	49.867	ng		100
50) Dimethylphthalate	13.840	163	2798849	43.936	ng		99
51) 2,6-Dinitrotoluene	13.957	165	613039	47.242	ng		99
52) Acenaphthene	14.451	154	2300031	45.697	ng		99
53) 3-Nitroaniline	14.293	138	400280	28.907	ng		97
54) 2,4-Dinitrophenol	14.498	184	627897	74.036	ng		96
55) Dibenzofuran	14.793	168	3473622	42.484	ng		99
56) 4-Nitrophenol	14.622	139	1345194	112.463	ng		94
57) 2,4-Dinitrotoluene	14.757	165	865162	51.324	ng		99
58) Fluorene	15.451	166	2934147	45.950	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.022	232	744179	46.347	ng		99
60) Diethylphthalate	15.228	149	2760256	43.649	ng		99
61) 4-Chlorophenyl-phenyle...	15.451	204	1363999	43.397	ng		96
62) 4-Nitroaniline	15.469	138	713336	43.821	ng		96
63) Azobenzene	15.745	77	2901046	48.956	ng		97
65) 4,6-Dinitro-2-methylph...	15.534	198	408812	38.520	ng		97
66) n-Nitrosodiphenylamine	15.669	169	2399581	44.932	ng		99
67) 4-Bromophenyl-phenylether	16.357	248	825220	42.912	ng		99
68) Hexachlorobenzene	16.475	284	1000271	44.205	ng		98
69) Atrazine	16.640	200	922345	67.300	ng		99
70) Pentachlorophenol	16.834	266	1434299	97.593	ng		100
71) Phenanthrene	17.234	178	5884913	60.953	ng		99
72) Anthracene	17.322	178	4698379	50.781	ng		100
73) Carbazole	17.610	167	4357962	49.436	ng		100
74) Di-n-butylphthalate	18.198	149	5036344	48.963	ng		100
75) Fluoranthene	19.328	202	8032892	73.558	ng		99
77) Benzidine	19.516	184	2476266	110.854	ng		100
78) Pyrene	19.698	202	7685078	65.999	ng		99
80) Butylbenzylphthalate	20.645	149	2329768	52.214	ng		98
81) Benzo(a)anthracene	21.633	228	6290214	54.722	ng		99
82) 3,3'-Dichlorobenzidine	21.545	252	1099325	30.605	ng		98
83) Chrysene	21.698	228	6097082	55.007	ng		99
84) Bis(2-ethylhexyl)phtha...	21.575	149	3387355	50.062	ng		99
85) Di-n-octyl phthalate	22.869	149	5641851	52.165	ng		99
87) Indeno(1,2,3-cd)pyrene	28.886	276	7327500	51.909	ng	#	93
88) Benzo(b)fluoranthene	23.969	252	6572380	52.160	ng		99
89) Benzo(k)fluoranthene	24.039	252	5919161	48.262	ng		99
90) Benzo(a)pyrene	24.880	252	5948762	55.630	ng		99
91) Dibenzo(a,h)anthracene	28.951	278	5599736	47.179	ng		99
92) Benzo(g,h,i)perylene	30.074	276	5840010	48.489	ng		99

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

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