Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051525\
Data File : BP024639.D
Acq On : 15 May 2025 15:59
Operator : RC/JU
Sample : Q2010-02MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-13MSD

Quant Time: May 15 16:30:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.657	152	159501	20.000	ng	0.00
21) Naphthalene-d8	10.428	136	628820	20.000	ng	0.00
39) Acenaphthene-d10	14.298	164	375530	20.000	ng	0.00
64) Phenanthrene-d10	17.104	188	726778	20.000	ng	0.00
76) Chrysene-d12	21.527	240	785534	20.000	ng	0.00
86) Perylene-d12	24.798	264	909133	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	842673	90.362	ng	0.00
7) Phenol-d6	6.852	99	1048617	88.105	ng	0.00
23) Nitrobenzene-d5	8.810	82	651986	52.388	ng	0.00
42) 2,4,6-Tribromophenol	15.828	330	550955	86.542	ng	0.02
45) 2-Fluorobiphenyl	12.904	172	1458091	50.869	ng	0.00
79) Terphenyl-d14	19.821	244	2280930	49.789	ng	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.228	88	165000	37.680	ng	99
3) Pyridine	3.616	79	403411	41.547	ng	98
4) n-Nitrosodimethylamine	3.534	42	186147	43.425	ng	97
6) Aniline	6.999	93	560425	36.471	ng	99
8) 2-Chlorophenol	7.240	128	504222	47.629	ng	99
9) Benzaldehyde	6.816	77	308327	40.019	ng	99
10) Phenol	6.881	94	590851	48.098	ng	98
11) bis(2-Chloroethyl)ether	7.093	93	429994	42.599	ng	99
12) 1,3-Dichlorobenzene	7.552	146	535369	43.956	ng	99
13) 1,4-Dichlorobenzene	7.693	146	543293	44.350	ng	99
14) 1,2-Dichlorobenzene	8.004	146	521355	43.677	ng	99
15) Benzyl Alcohol	7.904	79	417550	46.166	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.181	45	507595	41.990	ng	98
17) 2-Methylphenol	8.110	107	400289	45.432	ng	99
18) Hexachloroethane	8.722	117	205990	43.881	ng	96
19) n-Nitroso-di-n-propyla...	8.457	70	334353	40.611	ng	99
20) 3+4-Methylphenols	8.434	107	542791	45.290	ng	97
22) Acetophenone	8.475	105	708122	45.082	ng	98
24) Nitrobenzene	8.851	77	500401	45.690	ng	97
25) Isophorone	9.375	82	946143	43.827	ng	100
26) 2-Nitrophenol	9.551	139	268593	50.048	ng	98
27) 2,4-Dimethylphenol	9.622	122	454005	47.982	ng	100
28) bis(2-Chloroethoxy)met...	9.846	93	576552	44.702	ng	99
29) 2,4-Dichlorophenol	10.087	162	451816	49.275	ng	97
30) 1,2,4-Trichlorobenzene	10.293	180	477127	46.177	ng	97
31) Naphthalene	10.475	128	1467759	45.043	ng	100
32) Benzoic acid	9.787	122	322696	48.835	ng	99
33) 4-Chloroaniline	10.598	127	377895	28.739	ng	99
34) Hexachlorobutadiene	10.757	225	305965	45.710	ng	96
35) Caprolactam	11.381	113	152861m	46.078	ng	
36) 4-Chloro-3-methylphenol	11.734	107	518151	46.339	ng	100
37) 2-Methylnaphthalene	12.092	142	937935	44.452	ng	99
38) 1-Methylnaphthalene	12.316	142	959403	42.496	ng	99
40) 1,2,4,5-Tetrachloroben...	12.469	216	526111	48.245	ng	99
41) Hexachlorocyclopentadiene	12.445	237	753385	113.935	ng	98
43) 2,4,6-Trichlorophenol	12.710	196	366355	51.868	ng	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.798	196	400383	50.924	ng		98
46) 1,1'-Biphenyl	13.122	154	1303750	46.972	ng		100
47) 2-Chloronaphthalene	13.163	162	996633	47.093	ng		100
48) 2-Nitroaniline	13.369	65	310532	49.562	ng		99
49) Acenaphthylene	14.016	152	1622651	45.817	ng		100
50) Dimethylphthalate	13.757	163	1292316	45.149	ng		100
51) 2,6-Dinitrotoluene	13.881	165	279686	46.267	ng		98
52) Acenaphthene	14.363	154	927052	45.533	ng		99
53) 3-Nitroaniline	14.216	138	207346	33.592	ng		97
54) 2,4-Dinitrophenol	14.428	184	370998	95.940	ng		98
55) Dibenzofuran	14.704	168	1468896	45.231	ng		98
56) 4-Nitrophenol	14.557	139	516252	95.730	ng		98
57) 2,4-Dinitrotoluene	14.675	165	401464	47.107	ng		99
58) Fluorene	15.363	166	1214988	45.883	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.945	232	353018	48.402	ng		99
60) Diethylphthalate	15.145	149	1325337	45.812	ng		100
61) 4-Chlorophenyl-phenyle...	15.363	204	601374	45.538	ng		99
62) 4-Nitroaniline	15.404	138	294125	49.350	ng		99
63) Azobenzene	15.669	77	1233658	49.848	ng		97
65) 4,6-Dinitro-2-methylph...	15.457	198	237337	50.556	ng		98
66) n-Nitrosodiphenylamine	15.592	169	1052029	47.126	ng		99
67) 4-Bromophenyl-phenylether	16.280	248	408770	47.731	ng		98
68) Hexachlorobenzene	16.398	284	508136	46.695	ng		99
69) Atrazine	16.569	200	389218	47.576	ng		98
70) Pentachlorophenol	16.757	266	671128	109.866	ng		99
71) Phenanthrene	17.151	178	1855042	45.914	ng		100
72) Anthracene	17.245	178	1890233	46.501	ng		100
73) Carbazole	17.522	167	1770616	48.125	ng		100
74) Di-n-butylphthalate	18.116	149	2304897	48.711	ng		99
75) Fluoranthene	19.233	202	2177024	46.096	ng		100
77) Benzidine	19.427	184	1216882	56.878	ng		99
78) Pyrene	19.610	202	2253283	47.874	ng		100
80) Butylbenzylphthalate	20.557	149	1060952	50.684	ng		96
81) Benzo(a)anthracene	21.510	228	2338691	47.414	ng		99
82) 3,3'-Dichlorobenzidine	21.439	252	622869	33.999	ng		100
83) Chrysene	21.574	228	2179347	46.609	ng		100
84) Bis(2-ethylhexyl)phtha...	21.445	149	1512698	49.165	ng		100
85) Di-n-octyl phthalate	22.704	149	2553144	50.745	ng		100
87) Indeno(1,2,3-cd)pyrene	28.521	276	3226858	48.618	ng	#	85
88) Benzo(b)fluoranthene	23.780	252	2476684	47.594	ng		100
89) Benzo(k)fluoranthene	23.845	252	2478499	46.222	ng		99
90) Benzo(a)pyrene	24.657	252	2397923	47.980	ng		99
91) Dibenzo(a,h)anthracene	28.586	278	2621583	48.552	ng		100
92) Benzo(g,h,i)perylene	29.680	276	2625102	48.888	ng		100

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

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