Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052825\
Data File : BP024822.D
Acq On : 28 May 2025 19:33
Operator : RC/JU
Sample : Q2130-02MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-3MSD

Quant Time: May 29 02:23:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 28 14:16:13 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	92282	20.000	ng	0.00
21) Naphthalene-d8	10.416	136	368562	20.000	ng	0.00
39) Acenaphthene-d10	14.281	164	233815	20.000	ng	0.00
64) Phenanthrene-d10	17.075	188	517195	20.000	ng	0.01
76) Chrysene-d12	21.498	240	654723	20.000	ng	0.00
86) Perylene-d12	24.763	264	836208	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.281	112	663363	122.949	ng	0.00
7) Phenol-d6	6.852	99	754423	109.558	ng	0.00
23) Nitrobenzene-d5	8.799	82	526994	72.246	ng	0.00
42) 2,4,6-Tribromophenol	15.793	330	619722	156.344	ng	0.00
45) 2-Fluorobiphenyl	12.881	172	1344974	75.362	ng	0.00
79) Terphenyl-d14	19.792	244	2846946	74.560	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.223	88	80707	31.855	ng	# 73
3) Pyridine	3.623	79	182527	32.491	ng	96
4) n-Nitrosodimethylamine	3.528	42	98252	39.616	ng	92
6) Aniline	6.987	93	256954	28.902	ng	99
8) 2-Chlorophenol	7.228	128	270022	44.085	ng	96
9) Benzaldehyde	6.805	77	129132	28.969	ng	96
10) Phenol	6.875	94	264853	37.265	ng	98
11) bis(2-Chloroethyl)ether	7.081	93	218973	37.495	ng	99
12) 1,3-Dichlorobenzene	7.540	146	279826	39.710	ng	98
13) 1,4-Dichlorobenzene	7.681	146	288815	40.750	ng	99
14) 1,2-Dichlorobenzene	7.993	146	277234	40.143	ng	99
15) Benzyl Alcohol	7.899	79	217970	41.654	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.163	45	247227	35.349	ng	99
17) 2-Methylphenol	8.105	107	210149	41.225	ng	98
18) Hexachloroethane	8.711	117	101757	37.466	ng	95
19) n-Nitroso-di-n-propyla...	8.446	70	169387	35.561	ng	98
20) 3+4-Methylphenols	8.434	107	279868	40.361	ng	99
22) Acetophenone	8.463	105	380159	41.293	ng	99
24) Nitrobenzene	8.840	77	257160	40.061	ng	95
25) Isophorone	9.358	82	483381	38.202	ng	96
26) 2-Nitrophenol	9.546	139	145197	46.160	ng	96
27) 2,4-Dimethylphenol	9.616	122	246686	44.481	ng	99
28) bis(2-Chloroethoxy)met...	9.834	93	285398	37.754	ng	97
29) 2,4-Dichlorophenol	10.093	162	245557	45.692	ng	95
30) 1,2,4-Trichlorobenzene	10.281	180	260556	43.023	ng	99
31) Naphthalene	10.469	128	812768	42.555	ng	100
32) Benzoic acid	9.775	122	130525	36.016	ng	95
33) 4-Chloroaniline	10.593	127	165645	21.493	ng	98
34) Hexachlorobutadiene	10.746	225	167469	42.686	ng	97
35) Caprolactam	11.387	113	77116	39.660	ng	92
36) 4-Chloro-3-methylphenol	11.734	107	281838	43.004	ng	96
37) 2-Methylnaphthalene	12.081	142	520366	42.077	ng	97
38) 1-Methylnaphthalene	12.299	142	550299	41.588	ng	100
40) 1,2,4,5-Tetrachloroben...	12.451	216	302381	44.535	ng	99
41) Hexachlorocyclopentadiene	12.428	237	256992	62.421	ng	97
43) 2,4,6-Trichlorophenol	12.704	196	210023	47.757	ng	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.799	196	238684	48.758	ng		94
46) 1,1'-Biphenyl	13.099	154	747447	43.251	ng		99
47) 2-Chloronaphthalene	13.140	162	569186	43.196	ng		100
48) 2-Nitroaniline	13.363	65	174251	44.667	ng		94
49) Acenaphthylene	13.998	152	971804	44.071	ng		99
50) Dimethylphthalate	13.734	163	777077	43.603	ng		100
51) 2,6-Dinitrotoluene	13.857	165	172556	45.846	ng		97
52) Acenaphthene	14.346	154	560563	44.220	ng		99
53) 3-Nitroaniline	14.204	138	130203	33.880	ng		92
54) 2,4-Dinitrophenol	14.422	184	154175	66.163	ng		95
55) Dibenzofuran	14.681	168	915715	45.287	ng		99
56) 4-Nitrophenol	14.563	139	252444	76.092	ng		97
57) 2,4-Dinitrotoluene	14.663	165	268267	50.557	ng		97
58) Fluorene	15.340	166	763311	46.297	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.922	232	228777	50.379	ng		95
60) Diethylphthalate	15.116	149	797369	44.268	ng		99
61) 4-Chlorophenyl-phenyle...	15.340	204	372781	45.338	ng		97
62) 4-Nitroaniline	15.381	138	192657	51.918	ng		99
63) Azobenzene	15.634	77	642567	41.701	ng		95
65) 4,6-Dinitro-2-methylph...	15.440	198	124649	37.312	ng		96
66) n-Nitrosodiphenylamine	15.557	169	678996	42.741	ng		99
67) 4-Bromophenyl-phenylether	16.245	248	266652	43.754	ng		97
68) Hexachlorobenzene	16.363	284	361274	46.652	ng		96
69) Atrazine	16.534	200	265242	45.560	ng		99
70) Pentachlorophenol	16.728	266	477493	109.843	ng		98
71) Phenanthrene	17.116	178	1293521	44.990	ng		100
72) Anthracene	17.204	178	1342149	46.397	ng		100
73) Carbazole	17.492	167	1301049	49.692	ng		99
74) Di-n-butylphthalate	18.075	149	1500300	44.556	ng		99
75) Fluoranthene	19.198	202	1677324	49.907	ng		99
77) Benzidine	19.410	184	431276	24.186	ng		99
78) Pyrene	19.575	202	1737649	44.294	ng		100
80) Butylbenzylphthalate	20.522	149	751742	43.087	ng		93
81) Benzo(a)anthracene	21.475	228	1879279	45.712	ng		100
82) 3,3'-Dichlorobenzidine	21.404	252	657294	43.046	ng		99
83) Chrysene	21.539	228	1781249	45.707	ng		99
84) Bis(2-ethylhexyl)phtha...	21.404	149	1058617	41.281	ng		99
85) Di-n-octyl phthalate	22.645	149	1826738	43.561	ng		99
87) Indeno(1,2,3-cd)pyrene	28.462	276	3002524	49.183	ng	#	91
88) Benzo(b)fluoranthene	23.727	252	2166063	45.255	ng		99
89) Benzo(k)fluoranthene	23.798	252	2161793	43.832	ng		99
90) Benzo(a)pyrene	24.610	252	2123514	46.195	ng		99
91) Dibenzo(a,h)anthracene	28.539	278	2464192	49.617	ng		99
92) Benzo(g,h,i)perylene	29.609	276	2403189	48.659	ng		98

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

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