Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061825\
Data File : BP024996.D
Acq On : 18 Jun 2025 16:08
Operator : RC/JU
Sample : Q2311-04MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP03-MH2MH3-WCMSD

Quant Time: Jun 18 16:51:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.602	152	249503	20.000	ng		-0.01
21) Naphthalene-d8	10.378	136	991534	20.000	ng		0.00
39) Acenaphthene-d10	14.254	164	622454	20.000	ng		0.00
64) Phenanthrene-d10	17.060	188	1221720	20.000	ng		0.00
76) Chrysene-d12	21.501	240	1225335	20.000	ng		0.02
86) Perylene-d12	24.783	264	1418513	20.000	ng		0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.237	112	2075135	138.829	ng		0.00
7) Phenol-d6	6.814	99	2455734	124.171	ng		0.00
23) Nitrobenzene-d5	8.761	82	1771576	86.821	ng		0.00
42) 2,4,6-Tribromophenol	15.790	330	1257682	146.144	ng		0.00
45) 2-Fluorobiphenyl	12.854	172	3890563	84.200	ng		0.00
79) Terphenyl-d14	19.789	244	6126939	89.616	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.173	88	246625	37.498	ng	#	60
3) Pyridine	3.578	79	640771	40.511	ng		99
4) n-Nitrosodimethylamine	3.478	42	278993	43.144	ng		96
6) Aniline	6.949	93	638457	25.297	ng		99
8) 2-Chlorophenol	7.184	128	814374	48.060	ng		98
9) Benzaldehyde	6.766	77	434036	38.076	ng		96
10) Phenol	6.843	94	871121	42.727	ng		97
11) bis(2-Chloroethyl)ether	7.037	93	760318	47.415	ng		99
12) 1,3-Dichlorobenzene	7.490	146	824257	43.604	ng		99
13) 1,4-Dichlorobenzene	7.637	146	833022	43.675	ng		99
14) 1,2-Dichlorobenzene	7.949	146	805009	42.981	ng		99
15) Benzyl Alcohol	7.861	79	729308	48.049	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.113	45	951277	45.325	ng		100
17) 2-Methylphenol	8.072	107	663942	46.634	ng		98
18) Hexachloroethane	8.661	117	313993	43.726	ng		97
19) n-Nitroso-di-n-propyla...	8.408	70	596881	44.395	ng		99
20) 3+4-Methylphenols	8.402	107	888998	45.768	ng		95
22) Acetophenone	8.425	105	1173608	46.848	ng	#	99
24) Nitrobenzene	8.802	77	868449	47.908	ng		99
25) Isophorone	9.319	82	1689992	47.789	ng		100
26) 2-Nitrophenol	9.508	139	451987	50.534	ng		95
27) 2,4-Dimethylphenol	9.578	122	763550	49.881	ng		99
28) bis(2-Chloroethoxy)met...	9.796	93	1019992	48.352	ng		99
29) 2,4-Dichlorophenol	10.066	162	762149	51.891	ng		99
30) 1,2,4-Trichlorobenzene	10.243	180	764133	46.127	ng		99
31) Naphthalene	10.425	128	2369776	46.638	ng		100
32) Benzoic acid	9.772	122	348211	33.663	ng		97
33) 4-Chloroaniline	10.560	127	340723	16.005	ng		99
34) Hexachlorobutadiene	10.702	225	457372	45.808	ng		99
35) Caprolactam	11.366	113	228767	42.313	ng		95
36) 4-Chloro-3-methylphenol	11.707	107	864238	51.015	ng		99
37) 2-Methylnaphthalene	12.043	142	1518134	47.101	ng		100
38) 1-Methylnaphthalene	12.272	142	1599996	46.432	ng		98
40) 1,2,4,5-Tetrachloroben...	12.419	216	840221	47.571	ng		100
41) Hexachlorocyclopentadiene	12.390	237	841936	78.153	ng		99
43) 2,4,6-Trichlorophenol	12.684	196	605918	51.083	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.778	196	679498	53.491	ng		98
46) 1,1'-Biphenyl	13.066	154	2182891	48.256	ng		99
47) 2-Chloronaphthalene	13.113	162	1679403	48.305	ng		99
48) 2-Nitroaniline	13.343	65	559525	52.348	ng		95
49) Acenaphthylene	13.972	152	2821844	48.678	ng		100
50) Dimethylphthalate	13.713	163	2363636	51.476	ng		100
51) 2,6-Dinitrotoluene	13.843	165	504725	50.988	ng		99
52) Acenaphthene	14.319	154	1604401	48.299	ng		99
53) 3-Nitroaniline	14.190	138	256153	24.936	ng		100
54) 2,4-Dinitrophenol	14.413	184	420434	66.254	ng		97
55) Dibenzofuran	14.660	168	2579024	48.368	ng		99
56) 4-Nitrophenol	14.560	139	643965	74.450	ng		94
57) 2,4-Dinitrotoluene	14.654	165	722255	52.160	ng		95
58) Fluorene	15.325	166	2103648	48.838	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.913	232	588859	51.883	ng		100
60) Diethylphthalate	15.095	149	2317519	50.643	ng		99
61) 4-Chlorophenyl-phenyle...	15.313	204	1015205	48.203	ng		97
62) 4-Nitroaniline	15.378	138	478495	51.372	ng		92
63) Azobenzene	15.613	77	2112572	50.335	ng		99
65) 4,6-Dinitro-2-methylph...	15.443	198	352362	43.893	ng		94
66) n-Nitrosodiphenylamine	15.543	169	1834760	48.452	ng		100
67) 4-Bromophenyl-phenylether	16.237	248	671068	48.681	ng		97
68) Hexachlorobenzene	16.354	284	812187	48.601	ng		99
69) Atrazine	16.531	200	697843	50.835	ng		99
70) Pentachlorophenol	16.725	266	995226	115.069	ng		98
71) Phenanthrene	17.107	178	3317207	49.134	ng		99
72) Anthracene	17.195	178	3376496	49.381	ng		99
73) Carbazole	17.489	167	3176084	50.113	ng		100
74) Di-n-butylphthalate	18.072	149	4083712	52.006	ng		99
75) Fluoranthene	19.201	202	3837761	49.044	ng		99
77) Benzidine	19.401	184	939167	24.747	ng		99
78) Pyrene	19.578	202	3986111	52.071	ng		100
80) Butylbenzylphthalate	20.519	149	1849033	52.732	ng		97
81) Benzo(a)anthracene	21.483	228	3927206	50.111	ng		99
82) 3,3'-Dichlorobenzidine	21.407	252	901042	28.960	ng		99
83) Chrysene	21.548	228	3684987	49.624	ng		99
84) Bis(2-ethylhexyl)phtha...	21.401	149	2736053	54.460	ng		100
85) Di-n-octyl phthalate	22.648	149	4678984	52.839	ng		100
87) Indeno(1,2,3-cd)pyrene	28.495	276	5262749	50.849	ng	#	92
88) Benzo(b)fluoranthene	23.736	252	4057979m	49.986	ng		
89) Benzo(k)fluoranthene	23.801	252	4285746	51.863	ng		99
90) Benzo(a)pyrene	24.619	252	4036759	50.917	ng		99
91) Dibenzo(a,h)anthracene	28.554	278	4324889	51.337	ng		100
92) Benzo(g,h,i)perylene	29.648	276	4184549	50.062	ng		98

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

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