Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102225\
Data File : BP026007.D
Acq On : 22 Oct 2025 20:39
Operator : RC/JU
Sample : Q3368-06MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OUTSIDE-DUMPSTERMSD

Quant Time: Oct 23 10:40:14 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP101525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 15 23:48:51 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.696	152	161283	20.000	ng		0.00
21) Naphthalene-d8	10.454	136	704129	20.000	ng		0.00
39) Acenaphthene-d10	14.319	164	487784	20.000	ng		0.00
64) Phenanthrene-d10	17.125	188	880724	20.000	ng		0.00
76) Chrysene-d12	21.577	240	591108	20.000	ng		0.00
86) Perylene-d12	24.918	264	690323	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.337	112	1428959	145.261	ng		0.00
7) Phenol-d6	6.907	99	1878998	136.873	ng		0.00
23) Nitrobenzene-d5	8.849	82	1315034	83.945	ng		0.00
42) 2,4,6-Tribromophenol	15.848	330	821262	125.064	ng		0.00
45) 2-Fluorobiphenyl	12.925	172	2927899	76.935	ng		0.00
79) Terphenyl-d14	19.854	244	2439541	65.958	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.261	88	136372	34.998	ng		94
3) Pyridine	3.672	79	370402	34.064	ng		96
4) n-Nitrosodimethylamine	3.566	42	212330	44.558	ng		89
6) Aniline	7.043	93	252376	13.732	ng		95
8) 2-Chlorophenol	7.278	128	550372	48.277	ng		96
9) Benzaldehyde	6.866	77	159235	21.737	ng		97
10) Phenol	6.937	94	675090	48.706	ng		97
11) bis(2-Chloroethyl)ether	7.131	93	492159	43.547	ng		97
12) 1,3-Dichlorobenzene	7.590	146	484562	38.338	ng		99
13) 1,4-Dichlorobenzene	7.731	146	502484	39.020	ng		99
14) 1,2-Dichlorobenzene	8.043	146	494044	39.217	ng		98
15) Benzyl Alcohol	7.954	79	587249	50.258	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.207	45	798583	45.886	ng		99
17) 2-Methylphenol	8.160	107	507348	51.068	ng		98
18) Hexachloroethane	8.749	117	190036	38.671	ng		95
19) n-Nitroso-di-n-propyla...	8.496	70	459300	46.932	ng		95
20) 3+4-Methylphenols	8.496	107	681150	49.207	ng	#	88
22) Acetophenone	8.513	105	933511	48.766	ng	#	95
24) Nitrobenzene	8.890	77	642272	46.104	ng		99
25) Isophorone	9.413	82	1309580	46.545	ng		99
26) 2-Nitrophenol	9.590	139	313001	46.394	ng		96
27) 2,4-Dimethylphenol	9.666	122	586725	51.321	ng		97
28) bis(2-Chloroethoxy)met...	9.878	93	782707	47.556	ng		98
29) 2,4-Dichlorophenol	10.154	162	593363	52.089	ng		99
30) 1,2,4-Trichlorobenzene	10.325	180	542915	42.098	ng		98
31) Naphthalene	10.507	128	1651949	43.491	ng		99
32) Benzoic acid	9.901	122	458873	55.390	ng		98
33) 4-Chloroaniline	10.660	127	111645	6.921	ng		99
34) Hexachlorobutadiene	10.784	225	342915	40.178	ng		99
35) Caprolactam	11.466	113	169099	41.714	ng		93
36) 4-Chloro-3-methylphenol	11.790	107	689325	51.543	ng		97
37) 2-Methylnaphthalene	12.119	142	1153623	46.388	ng		99
38) 1-Methylnaphthalene	12.342	142	1204332	45.911	ng		99
40) 1,2,4,5-Tetrachloroben...	12.495	216	783695	49.340	ng		99
41) Hexachlorocyclopentadiene	12.466	237	712398	76.357	ng		99
43) 2,4,6-Trichlorophenol	12.754	196	507072	50.295	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.854	196	548401	49.952	ng		96
46) 1,1'-Biphenyl	13.142	154	1904987	51.700	ng		99
47) 2-Chloronaphthalene	13.190	162	1339377	46.490	ng		99
48) 2-Nitroaniline	13.407	65	443601	49.403	ng		95
49) Acenaphthylene	14.042	152	2208064	47.400	ng		100
50) Dimethylphthalate	13.772	163	1750415	47.476	ng		100
51) 2,6-Dinitrotoluene	13.907	165	385612	48.440	ng		94
52) Acenaphthene	14.384	154	1223610	45.488	ng		100
53) 3-Nitroaniline	14.266	138	144809	18.264	ng		99
54) 2,4-Dinitrophenol	14.472	184	470818	86.553	ng		94
55) Dibenzofuran	14.731	168	2043677	47.447	ng		98
56) 4-Nitrophenol	14.642	139	313584	65.216	ng		92
57) 2,4-Dinitrotoluene	14.713	165	525129	48.684	ng		96
58) Fluorene	15.389	166	1629250	47.074	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.978	232	475357	48.255	ng		99
60) Diethylphthalate	15.154	149	1742990	47.947	ng		99
61) 4-Chlorophenyl-phenyle...	15.378	204	841824	46.254	ng		98
62) 4-Nitroaniline	15.436	138	254442	34.633	ng		96
63) Azobenzene	15.678	77	1673511	49.390	ng		97
65) 4,6-Dinitro-2-methylph...	15.495	198	314104	49.345	ng		91
66) n-Nitrosodiphenylamine	15.601	169	1357411	47.904	ng		100
67) 4-Bromophenyl-phenylether	16.295	248	525764	48.366	ng		97
68) Hexachlorobenzene	16.419	284	577720	47.373	ng		98
69) Atrazine	16.589	200	296399	28.995	ng		100
70) Pentachlorophenol	16.783	266	643744	97.778	ng		98
71) Phenanthrene	17.172	178	2369856	47.476	ng		99
72) Anthracene	17.272	178	2416227	47.387	ng		99
73) Carbazole	17.560	167	1877361	41.767	ng		99
74) Di-n-butylphthalate	18.130	149	2539727	45.913	ng		99
75) Fluoranthene	19.260	202	2328393	41.353	ng		99
77) Benzidine	19.448	184	152	0.008	ng	#	1
78) Pyrene	19.642	202	2318029	53.169	ng		100
80) Butylbenzylphthalate	20.577	149	866358	49.936	ng		96
81) Benzo(a)anthracene	21.560	228	1968705	48.696	ng		100
82) 3,3'-Dichlorobenzidine	21.495	252	62491	4.344	ng		99
83) Chrysene	21.624	228	1875975	48.530	ng		100
84) Bis(2-ethylhexyl)phtha...	21.477	149	1224928	51.142	ng		99
85) Di-n-octyl phthalate	22.742	149	2189912	53.547	ng		97
87) Indeno(1,2,3-cd)pyrene	28.724	276	2788187	53.618	ng		99
88) Benzo(b)fluoranthene	23.854	252	2080890	48.401	ng		99
89) Benzo(k)fluoranthene	23.924	252	2148875	49.249	ng		99
90) Benzo(a)pyrene	24.754	252	2019911	48.354	ng		99
91) Dibenzo(a,h)anthracene	28.771	278	2303702	54.345	ng		99
92) Benzo(g,h,i)perylene	29.900	276	2257199	54.346	ng		99

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

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