Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100625\
Data File : BP025928.D
Acq On : 06 Oct 2025 18:23
Operator : CG/JU
Sample : Q3269-03MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EG1-TP1MS

Quant Time: Oct 07 02:05:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 19:16:54 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.737	152	159167	20.000	ng		-0.02
21) Naphthalene-d8	10.496	136	600904	20.000	ng		-0.03
39) Acenaphthene-d10	14.354	164	374317	20.000	ng		-0.02
64) Phenanthrene-d10	17.154	188	763643	20.000	ng		-0.03
76) Chrysene-d12	21.583	240	801549	20.000	ng		-0.06
86) Perylene-d12	24.948	264	924648	20.000	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.378	112	1182112	119.836	ng		0.00
7) Phenol-d6	6.943	99	1417091	108.079	ng		0.00
23) Nitrobenzene-d5	8.884	82	999598	73.378	ng		-0.02
42) 2,4,6-Tribromophenol	15.866	330	669325	143.359	ng		-0.04
45) 2-Fluorobiphenyl	12.960	172	2246112	79.898	ng		-0.03
79) Terphenyl-d14	19.871	244	3669252	82.352	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	3.314	88	140947	34.044	ng	#	81
3) Pyridine	3.714	79	376173	32.997	ng		94
4) n-Nitrosodimethylamine	3.614	42	190950	35.497	ng		84
6) Aniline	7.078	93	326950	18.165	ng		99
8) 2-Chlorophenol	7.319	128	465691	43.033	ng		99
9) Benzaldehyde	6.902	77	147336	18.748	ng		97
10) Phenol	6.966	94	543867	39.338	ng		99
11) bis(2-Chloroethyl)ether	7.172	93	464292	41.799	ng		95
12) 1,3-Dichlorobenzene	7.631	146	499222	40.533	ng		97
13) 1,4-Dichlorobenzene	7.772	146	511302	40.755	ng		98
14) 1,2-Dichlorobenzene	8.084	146	488232	40.058	ng		99
15) Benzyl Alcohol	7.984	79	432721	39.939	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.249	45	662569	36.475	ng		97
17) 2-Methylphenol	8.196	107	399324	42.841	ng		99
18) Hexachloroethane	8.801	117	189175	39.476	ng		97
19) n-Nitroso-di-n-propyla...	8.537	70	361725	39.554	ng		96
20) 3+4-Methylphenols	8.519	107	534981	40.982	ng		98
22) Acetophenone	8.554	105	795976	49.568	ng	#	97
24) Nitrobenzene	8.925	77	529915	43.362	ng		96
25) Isophorone	9.454	82	1015171	42.398	ng		99
26) 2-Nitrophenol	9.631	139	260139	47.945	ng		91
27) 2,4-Dimethylphenol	9.701	122	443644	46.607	ng		99
28) bis(2-Chloroethoxy)met...	9.913	93	612892	44.282	ng		99
29) 2,4-Dichlorophenol	10.184	162	446190	47.014	ng		100
30) 1,2,4-Trichlorobenzene	10.372	180	477557	44.648	ng		99
31) Naphthalene	10.548	128	1407932	43.453	ng		100
32) Benzoic acid	9.890	122	326669	46.159	ng		98
33) 4-Chloroaniline	10.678	127	173741	12.865	ng		98
34) Hexachlorobutadiene	10.825	225	306995	44.586	ng		100
35) Caprolactam	11.490	113	134242	36.693	ng		92
36) 4-Chloro-3-methylphenol	11.813	107	512897	45.329	ng		97
37) 2-Methylnaphthalene	12.160	142	908534	43.657	ng		98
38) 1-Methylnaphthalene	12.378	142	946775	42.663	ng		99
40) 1,2,4,5-Tetrachloroben...	12.525	216	619987	54.659	ng		99
41) Hexachlorocyclopentadiene	12.501	237	476990	77.211	ng		99
43) 2,4,6-Trichlorophenol	12.784	196	381068	51.104	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.884	196	414964	50.003	ng		95
46) 1,1'-Biphenyl	13.172	154	1442765	52.512	ng		99
47) 2-Chloronaphthalene	13.213	162	1018873	47.096	ng		99
48) 2-Nitroaniline	13.437	65	348455	48.319	ng		95
49) Acenaphthylene	14.072	152	1738428	48.499	ng		100
50) Dimethylphthalate	13.807	163	1332627	46.631	ng		99
51) 2,6-Dinitrotoluene	13.925	165	296891	49.035	ng		94
52) Acenaphthene	14.413	154	949494	45.933	ng		99
53) 3-Nitroaniline	14.266	138	196978	30.938	ng		99
54) 2,4-Dinitrophenol	14.489	184	368974	92.901	ng		98
55) Dibenzofuran	14.760	168	1561434	46.346	ng		97
56) 4-Nitrophenol	14.642	139	369965	68.177	ng		96
57) 2,4-Dinitrotoluene	14.736	165	431154	50.037	ng		91
58) Fluorene	15.419	166	1284412	47.944	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.001	232	378620	50.646	ng		94
60) Diethylphthalate	15.178	149	1371844	47.324	ng		100
61) 4-Chlorophenyl-phenyle...	15.407	204	651021	48.218	ng		97
62) 4-Nitroaniline	15.454	138	322644	49.464	ng		96
63) Azobenzene	15.707	77	1285631	45.867	ng		97
65) 4,6-Dinitro-2-methylph...	15.519	198	259212	51.041	ng		86
66) n-Nitrosodiphenylamine	15.631	169	1150592	49.235	ng		99
67) 4-Bromophenyl-phenylether	16.319	248	422294	50.337	ng		98
68) Hexachlorobenzene	16.442	284	477024	50.989	ng		93
69) Atrazine	16.607	200	424810	47.556	ng		96
70) Pentachlorophenol	16.807	266	612100	99.132	ng		99
71) Phenanthrene	17.195	178	2046920	47.253	ng		99
72) Anthracene	17.289	178	2122697	48.296	ng		99
73) Carbazole	17.577	167	1991300	48.732	ng		99
74) Di-n-butylphthalate	18.148	149	2475886	49.374	ng		99
75) Fluoranthene	19.283	202	2495063	48.026	ng		99
77) Benzidine	19.489	184	453485	19.641	ng		99
78) Pyrene	19.654	202	2580440	48.247	ng		99
80) Butylbenzylphthalate	20.595	149	1172376	49.994	ng		97
81) Benzo(a)anthracene	21.566	228	2642608	48.157	ng		99
82) 3,3'-Dichlorobenzidine	21.489	252	705564	37.185	ng		99
83) Chrysene	21.636	228	2510261	47.988	ng		99
84) Bis(2-ethylhexyl)phtha...	21.495	149	1673258	48.770	ng		100
85) Di-n-octyl phthalate	22.760	149	2996004	49.091	ng		97
87) Indeno(1,2,3-cd)pyrene	28.742	276	3357045	49.925	ng	#	83
88) Benzo(b)fluoranthene	23.865	252	2607598	46.116	ng		99
89) Benzo(k)fluoranthene	23.930	252	2771202	48.028	ng		100
90) Benzo(a)pyrene	24.777	252	2619208	47.301	ng		99
91) Dibenzo(a,h)anthracene	28.830	278	2755396	50.074	ng		98
92) Benzo(g,h,i)perylene	29.924	276	2720915	50.280	ng		97

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

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