Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111425\
Data File : BP026141.D
Acq On : 14 Nov 2025 15:14
Operator : RC/JU
Sample : Q3631-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ-208MSD

Quant Time: Nov 14 15:36:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.672	152	289609	20.000	ng		-0.02
21) Naphthalene-d8	10.443	136	1145910	20.000	ng		-0.01
39) Acenaphthene-d10	14.319	164	730581	20.000	ng		0.00
64) Phenanthrene-d10	17.125	188	1468263	20.000	ng		0.00
76) Chrysene-d12	21.589	240	1541052	20.000	ng		0.02
86) Perylene-d12	24.924	264	1824647	20.000	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.296	112	1073202	61.148	ng		0.00
7) Phenol-d6	6.855	99	1361310	60.939	ng		0.00
23) Nitrobenzene-d5	8.819	82	782639	42.577	ng		0.00
42) 2,4,6-Tribromophenol	15.836	330	547011	69.257	ng		0.00
45) 2-Fluorobiphenyl	12.925	172	1791857	35.243	ng		0.00
79) Terphenyl-d14	19.872	244	2834836	37.374	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.225	88	291475	39.394	ng		98
3) Pyridine	3.619	79	779149	37.043	ng		97
4) n-Nitrosodimethylamine	3.525	42	340966	40.447	ng		90
6) Aniline	7.002	93	686968	23.042	ng		98
8) 2-Chlorophenol	7.249	128	884458	45.508	ng		97
9) Benzaldehyde	6.825	77	417077	35.916	ng		98
10) Phenol	6.884	94	1075532	43.368	ng		99
11) bis(2-Chloroethyl)ether	7.102	93	783611	40.037	ng		99
12) 1,3-Dichlorobenzene	7.566	146	937029	41.982	ng		100
13) 1,4-Dichlorobenzene	7.707	146	956321	42.377	ng		99
14) 1,2-Dichlorobenzene	8.019	146	915674	42.523	ng		100
15) Benzyl Alcohol	7.907	79	710522	44.120	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.202	45	1094939	37.016	ng		97
17) 2-Methylphenol	8.119	107	715841	44.080	ng		99
18) Hexachloroethane	8.743	117	338633	43.853	ng		98
19) n-Nitroso-di-n-propyla...	8.478	70	579645	41.800	ng		96
20) 3+4-Methylphenols	8.437	107	988406	43.750	ng		98
22) Acetophenone	8.490	105	1225000	42.269	ng	#	97
24) Nitrobenzene	8.860	77	856475	44.130	ng		98
25) Isophorone	9.378	82	1626895	41.350	ng		99
26) 2-Nitrophenol	9.566	139	460521	63.547	ng		97
27) 2,4-Dimethylphenol	9.631	122	804079	48.599	ng		98
28) bis(2-Chloroethoxy)met...	9.860	93	1034320	41.714	ng		100
29) 2,4-Dichlorophenol	10.096	162	818595	46.859	ng		100
30) 1,2,4-Trichlorobenzene	10.313	180	839807	44.229	ng		99
31) Naphthalene	10.496	128	2555848	40.901	ng		100
32) Benzoic acid	9.766	122	650271	59.667	ng		97
33) 4-Chloroaniline	10.601	127	469571	19.555	ng		99
34) Hexachlorobutadiene	10.784	225	511401	42.383	ng		100
35) Caprolactam	11.378	113	282470	46.045	ng		92
36) 4-Chloro-3-methylphenol	11.737	107	862722	47.110	ng		100
37) 2-Methylnaphthalene	12.113	142	1651309	37.756	ng		98
38) 1-Methylnaphthalene	12.337	142	1715157	40.366	ng		98
40) 1,2,4,5-Tetrachloroben...	12.484	216	927697	40.867	ng		99
41) Hexachlorocyclopentadiene	12.466	237	1087530	130.941	ng		97
43) 2,4,6-Trichlorophenol	12.731	196	671015	50.010	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.801	196	748119	48.864	ng		97
46) 1,1'-Biphenyl	13.137	154	2344640	41.913	ng		99
47) 2-Chloronaphthalene	13.172	162	1783950	40.531	ng		99
48) 2-Nitroaniline	13.378	65	543596	47.992	ng		96
49) Acenaphthylene	14.037	152	3091184	48.186	ng		100
50) Dimethylphthalate	13.778	163	2283290	42.966	ng		100
51) 2,6-Dinitrotoluene	13.884	165	506942	50.900	ng		91
52) Acenaphthene	14.384	154	1756991	39.896	ng		99
53) 3-Nitroaniline	14.213	138	303197	26.571	ng	#	97
54) 2,4-Dinitrophenol	14.431	184	600392	110.181	ng		96
55) Dibenzofuran	14.725	168	2774378	41.696	ng		99
56) 4-Nitrophenol	14.542	139	1002960	94.649	ng		96
57) 2,4-Dinitrotoluene	14.684	165	730576	49.985	ng		92
58) Fluorene	15.378	166	2236171	42.897	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.948	232	644131	53.509	ng		99
60) Diethylphthalate	15.172	149	2335678	43.719	ng		100
61) 4-Chlorophenyl-phenyle...	15.389	204	1077623	41.396	ng		99
62) 4-Nitroaniline	15.401	138	546710	48.144	ng		96
63) Azobenzene	15.684	77	2202606	45.491	ng		97
65) 4,6-Dinitro-2-methylph...	15.466	198	409889	62.902	ng		92
66) n-Nitrosodiphenylamine	15.601	169	1988584	43.317	ng		100
67) 4-Bromophenyl-phenylether	16.301	248	697457	42.823	ng		99
68) Hexachlorobenzene	16.413	284	815874	44.004	ng		100
69) Atrazine	16.595	200	766629	49.503	ng		99
70) Pentachlorophenol	16.766	266	1139402	100.609	ng		100
71) Phenanthrene	17.166	178	3778107	44.209	ng		100
72) Anthracene	17.266	178	3709085	43.784	ng		100
73) Carbazole	17.542	167	3508871	43.757	ng		100
74) Di-n-butylphthalate	18.148	149	4115654	45.867	ng		100
75) Fluoranthene	19.272	202	4634233	46.486	ng		99
77) Benzidine	19.454	184	2125798	54.346	ng		99
78) Pyrene	19.648	202	4747943	45.553	ng		99
80) Butylbenzylphthalate	20.613	149	1974377	50.543	ng		99
81) Benzo(a)anthracene	21.571	228	4673274	44.130	ng		100
82) 3,3'-Dichlorobenzidine	21.489	252	1226541	35.948	ng		99
83) Chrysene	21.636	228	4307087	42.936	ng		99
84) Bis(2-ethylhexyl)phtha...	21.530	149	2968955	47.814	ng		98
85) Di-n-octyl phthalate	22.807	149	5224909	56.956	ng	#	97
87) Indeno(1,2,3-cd)pyrene	28.706	276	6043277	44.862	ng		98
88) Benzo(b)fluoranthene	23.871	252	4832421	42.662	ng		100
89) Benzo(k)fluoranthene	23.936	252	4848127	41.913	ng		100
90) Benzo(a)pyrene	24.760	252	4663777	44.817	ng		99
91) Dibenzo(a,h)anthracene	28.783	278	4825315	44.017	ng		100
92) Benzo(g,h,i)perylene	29.877	276	4934015	46.772	ng		98

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

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