Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081125\
Data File : BP025348.D
Acq On : 11 Aug 2025 14:41
Operator : CG/JU
Sample : Q2779-04MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-4MSD

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

Quant Time: Aug 11 15:10:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.796	152	284673	20.000	ng		0.00
21) Naphthalene-d8	10.572	136	1089866	20.000	ng		0.00
39) Acenaphthene-d10	14.419	164	635339	20.000	ng		0.00
64) Phenanthrene-d10	17.219	188	1137392	20.000	ng		0.00
76) Chrysene-d12	21.660	240	1068119	20.000	ng		0.00
86) Perylene-d12	25.048	264	1204307	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.408	112	1896127	107.129	ng		0.00
7) Phenol-d6	6.966	99	2136105	91.702	ng		0.00
23) Nitrobenzene-d5	8.937	82	1579915	80.312	ng		0.00
42) 2,4,6-Tribromophenol	15.931	330	854626	134.837	ng		0.00
45) 2-Fluorobiphenyl	13.031	172	3488446	75.838	ng		0.00
79) Terphenyl-d14	19.948	244	4552548	80.504	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.343	88	242671	34.743	ng	#	57
3) Pyridine	3.731	79	615639	31.725	ng		96
4) n-Nitrosodimethylamine	3.637	42	293133	32.537	ng		91
6) Aniline	7.125	93	616193	19.270	ng		98
8) 2-Chlorophenol	7.366	128	767032	39.591	ng		98
9) Benzaldehyde	6.943	77	291026m	17.591	ng		
10) Phenol	6.990	94	804832	32.292	ng		98
11) bis(2-Chloroethyl)ether	7.225	93	714814	36.604	ng		96
12) 1,3-Dichlorobenzene	7.690	146	833220	38.275	ng		99
13) 1,4-Dichlorobenzene	7.831	146	840300	38.154	ng		99
14) 1,2-Dichlorobenzene	8.149	146	812190	38.068	ng		99
15) Benzyl Alcohol	8.025	79	633559	35.088	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.313	45	999817	32.410	ng		97
17) 2-Methylphenol	8.225	107	607878	36.450	ng		99
18) Hexachloroethane	8.872	117	307577	39.051	ng		98
19) n-Nitroso-di-n-propyla...	8.596	70	534495	34.924	ng		93
20) 3+4-Methylphenols	8.549	107	801973	34.922	ng		96
22) Acetophenone	8.608	105	1112327	40.656	ng	#	96
24) Nitrobenzene	8.978	77	774899	41.612	ng		97
25) Isophorone	9.507	82	1519134	38.794	ng		99
26) 2-Nitrophenol	9.684	139	396010	48.756	ng		95
27) 2,4-Dimethylphenol	9.743	122	695410	38.519	ng		97
28) bis(2-Chloroethoxy)met...	9.978	93	949183	39.846	ng		99
29) 2,4-Dichlorophenol	10.213	162	680443	43.050	ng		99
30) 1,2,4-Trichlorobenzene	10.431	180	734903	42.144	ng		100
31) Naphthalene	10.619	128	2302899	40.703	ng		100
32) Benzoic acid	9.866	122	465328	45.993	ng		94
33) 4-Chloroaniline	10.719	127	200826	7.981	ng		99
34) Hexachlorobutadiene	10.913	225	431727	43.130	ng		98
35) Caprolactam	11.490	113	186935	30.487	ng		88
36) 4-Chloro-3-methylphenol	11.843	107	720521	39.397	ng		97
37) 2-Methylnaphthalene	12.231	142	1457414	39.798	ng		99
38) 1-Methylnaphthalene	12.448	142	1512432	39.582	ng		100
40) 1,2,4,5-Tetrachloroben...	12.601	216	780649	45.005	ng		99
41) Hexachlorocyclopentadiene	12.584	237	904368	84.477	ng		98
43) 2,4,6-Trichlorophenol	12.831	196	540264	48.215	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.907	196	577205	45.920	ng		99
46) 1,1'-Biphenyl	13.248	154	2043832	43.652	ng		99
47) 2-Chloronaphthalene	13.290	162	1539103	43.087	ng		97
48) 2-Nitroaniline	13.478	65	440598	42.470	ng		91
49) Acenaphthylene	14.137	152	2556161	42.900	ng		100
50) Dimethylphthalate	13.872	163	1959493	42.307	ng		99
51) 2,6-Dinitrotoluene	13.984	165	407970	47.755	ng		88
52) Acenaphthene	14.478	154	1718843m	47.293	ng		
53) 3-Nitroaniline	14.313	138	181541	18.160	ng		96
54) 2,4-Dinitrophenol	14.519	184	401165	82.623	ng	#	46
55) Dibenzofuran	14.819	168	2280502	41.989	ng		99
56) 4-Nitrophenol	14.619	139	651782	73.877	ng		94
57) 2,4-Dinitrotoluene	14.772	165	565268	43.044	ng		98
58) Fluorene	15.478	166	1766085	41.401	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.054	232	477833	45.508	ng		97
60) Diethylphthalate	15.254	149	1952372	41.812	ng		99
61) 4-Chlorophenyl-phenyle...	15.478	204	849881	42.025	ng		98
62) 4-Nitroaniline	15.490	138	394195	39.797	ng		94
63) Azobenzene	15.784	77	1713159	39.493	ng		97
65) 4,6-Dinitro-2-methylph...	15.554	198	286727	54.239	ng		95
66) n-Nitrosodiphenylamine	15.701	169	1581762	45.674	ng		99
67) 4-Bromophenyl-phenylether	16.395	248	544269	47.559	ng		96
68) Hexachlorobenzene	16.507	284	597613	46.539	ng		99
69) Atrazine	16.678	200	552678	45.380	ng		99
70) Pentachlorophenol	16.860	266	799036	97.669	ng		99
71) Phenanthrene	17.260	178	2686555	43.125	ng		100
72) Anthracene	17.354	178	2789778	44.414	ng		99
73) Carbazole	17.631	167	2531475	41.984	ng		100
74) Di-n-butylphthalate	18.242	149	3415192	46.819	ng		99
75) Fluoranthene	19.348	202	3000803	41.611	ng		99
77) Benzidine	19.536	184	678887	17.560	ng		99
78) Pyrene	19.725	202	3121618	43.949	ng		100
80) Butylbenzylphthalate	20.677	149	1499148	52.042	ng		99
81) Benzo(a)anthracene	21.636	228	3048745	42.952	ng		99
82) 3,3'-Dichlorobenzidine	21.566	252	732934	29.267	ng		99
83) Chrysene	21.713	228	2900637	44.060	ng		99
84) Bis(2-ethylhexyl)phtha...	21.601	149	2263580	49.211	ng		99
85) Di-n-octyl phthalate	22.901	149	3900559	50.663	ng		97
87) Indeno(1,2,3-cd)pyrene	28.895	276	4007231m	46.423	ng		
88) Benzo(b)fluoranthene	23.983	252	3132399	43.450	ng		99
89) Benzo(k)fluoranthene	24.048	252	3078060	43.070	ng		100
90) Benzo(a)pyrene	24.889	252	3034672	43.711	ng		99
91) Dibenzo(a,h)anthracene	28.983	278	3286717	46.491	ng		98
92) Benzo(g,h,i)perylene	30.089	276	3206005	46.208	ng		98

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

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