Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062025\
Data File : BP025026.D
Acq On : 20 Jun 2025 20:28
Operator : RC/JU
Sample : Q2355-02MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
3897MSD

Quant Time: Jun 20 22:37:49 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	341483	20.000	ng		-0.01
21) Naphthalene-d8	10.366	136	1300324	20.000	ng		-0.01
39) Acenaphthene-d10	14.243	164	703621	20.000	ng		0.00
64) Phenanthrene-d10	17.060	188	1156393	20.000	ng		0.00
76) Chrysene-d12	21.489	240	1265500	20.000	ng		0.00
86) Perylene-d12	24.754	264	1703015	20.000	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.237	112	2598753	127.029	ng		0.00
7) Phenol-d6	6.814	99	2966661	109.601	ng		0.00
23) Nitrobenzene-d5	8.755	82	2083959	77.877	ng		0.00
42) 2,4,6-Tribromophenol	15.778	330	1281699	131.754	ng		0.00
45) 2-Fluorobiphenyl	12.854	172	4499341	86.142	ng		0.00
79) Terphenyl-d14	19.789	244	5488987	77.737	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.178	88	295658	32.845	ng	#	61
3) Pyridine	3.578	79	712217	32.900	ng		96
4) n-Nitrosodimethylamine	3.484	42	333105	37.637	ng		93
6) Aniline	6.949	93	774440	22.420	ng		100
8) 2-Chlorophenol	7.184	128	1022262	44.079	ng		97
9) Benzaldehyde	6.767	77	394612	25.293	ng		96
10) Phenol	6.843	94	1062888	38.091	ng		97
11) bis(2-Chloroethyl)ether	7.037	93	927919	42.280	ng		98
12) 1,3-Dichlorobenzene	7.490	146	1038120	40.125	ng		96
13) 1,4-Dichlorobenzene	7.637	146	1054913	40.411	ng		99
14) 1,2-Dichlorobenzene	7.949	146	1026860	40.058	ng		99
15) Benzyl Alcohol	7.855	79	811030	39.041	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.114	45	1078599	37.549	ng		97
17) 2-Methylphenol	8.072	107	811655	41.654	ng		98
18) Hexachloroethane	8.655	117	378705	38.533	ng		98
19) n-Nitroso-di-n-propyla...	8.408	70	689541	37.473	ng		98
20) 3+4-Methylphenols	8.396	107	1061183	39.917	ng		96
22) Acetophenone	8.425	105	1427796	43.460	ng	#	98
24) Nitrobenzene	8.802	77	1018934	42.861	ng		95
25) Isophorone	9.319	82	1916730	41.329	ng		98
26) 2-Nitrophenol	9.502	139	555242	47.337	ng		96
27) 2,4-Dimethylphenol	9.578	122	906949	45.179	ng		98
28) bis(2-Chloroethoxy)met...	9.790	93	1192116	43.092	ng		98
29) 2,4-Dichlorophenol	10.055	162	922034	47.869	ng		99
30) 1,2,4-Trichlorobenzene	10.237	180	967558	44.536	ng		98
31) Naphthalene	10.419	128	2950754	44.281	ng		100
32) Benzoic acid	9.796	122	557272	41.080	ng		96
33) 4-Chloroaniline	10.560	127	385044	13.792	ng		98
34) Hexachlorobutadiene	10.696	225	593107	45.296	ng		98
35) Caprolactam	11.372	113	218941	30.879	ng		92
36) 4-Chloro-3-methylphenol	11.707	107	926194	41.689	ng		99
37) 2-Methylnaphthalene	12.043	142	1833734	43.382	ng		99
38) 1-Methylnaphthalene	12.260	142	1916889	42.418	ng		100
40) 1,2,4,5-Tetrachloroben...	12.419	216	1047037	52.442	ng		99
41) Hexachlorocyclopentadiene	12.384	237	1074290	88.218	ng		100
43) 2,4,6-Trichlorophenol	12.678	196	679427	50.672	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.778	196	732995	51.046	ng		98
46) 1,1'-Biphenyl	13.066	154	2513740	49.160	ng		99
47) 2-Chloronaphthalene	13.113	162	1948927	49.590	ng		99
48) 2-Nitroaniline	13.343	65	522215	43.221	ng		90
49) Acenaphthylene	13.966	152	3050146	46.547	ng		99
50) Dimethylphthalate	13.707	163	2411965	46.469	ng		99
51) 2,6-Dinitrotoluene	13.837	165	504403	45.078	ng		97
52) Acenaphthene	14.313	154	1785161	47.541	ng		99
53) 3-Nitroaniline	14.184	138	303780	26.161	ng		97
54) 2,4-Dinitrophenol	14.413	184	599288	82.093	ng		95
55) Dibenzofuran	14.660	168	2713146	45.013	ng		99
56) 4-Nitrophenol	14.560	139	568685	59.346	ng		98
57) 2,4-Dinitrotoluene	14.654	165	669536	42.775	ng	#	94
58) Fluorene	15.319	166	2152758	44.213	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.907	232	594923	46.370	ng		95
60) Diethylphthalate	15.095	149	2178035	42.105	ng		98
61) 4-Chlorophenyl-phenyle...	15.313	204	1078935	45.319	ng		96
62) 4-Nitroaniline	15.372	138	420994	39.985	ng		91
63) Azobenzene	15.613	77	1951082	41.125	ng		95
65) 4,6-Dinitro-2-methylph...	15.443	198	369295	48.601	ng		95
66) n-Nitrosodiphenylamine	15.537	169	1801821	50.270	ng		100
67) 4-Bromophenyl-phenylether	16.225	248	693317	53.136	ng		99
68) Hexachlorobenzene	16.354	284	823668	52.072	ng		95
69) Atrazine	16.525	200	560686	43.151	ng		99
70) Pentachlorophenol	16.725	266	989023	120.811	ng		98
71) Phenanthrene	17.107	178	3009669	47.097	ng		99
72) Anthracene	17.201	178	3085692	47.678	ng		100
73) Carbazole	17.489	167	2776115	46.277	ng		99
74) Di-n-butylphthalate	18.066	149	3333988	44.857	ng		99
75) Fluoranthene	19.195	202	3372097	45.527	ng		99
77) Benzidine	19.407	184	1512855	38.599	ng		99
78) Pyrene	19.566	202	3480190	44.019	ng		99
80) Butylbenzylphthalate	20.519	149	1588339	43.859	ng		94
81) Benzo(a)anthracene	21.466	228	3841779	47.465	ng		99
82) 3,3'-Dichlorobenzidine	21.401	252	1115985	34.730	ng		99
83) Chrysene	21.542	228	3722456	48.538	ng		100
84) Bis(2-ethylhexyl)phtha...	21.395	149	2367492	45.629	ng		98
85) Di-n-octyl phthalate	22.630	149	4309960	47.127	ng		98
87) Indeno(1,2,3-cd)pyrene	28.489	276	6269775	50.459	ng		99
88) Benzo(b)fluoranthene	23.719	252	4543677	46.619	ng		99
89) Benzo(k)fluoranthene	23.801	252	4580169	46.167	ng		100
90) Benzo(a)pyrene	24.613	252	4519783	47.486	ng		99
91) Dibenzo(a,h)anthracene	28.530	278	5156582	50.984	ng		99
92) Benzo(g,h,i)perylene	29.636	276	5039141	50.215	ng		100

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

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