Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071525\
Data File : BP025142.D
Acq On : 15 Jul 2025 12:25
Operator : CG/JU
Sample : Q2517-04MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-14MSD

Quant Time: Jul 15 12:55:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.443	152	450758	20.000	ng	0.00
21) Naphthalene-d8	10.190	136	1771052	20.000	ng	0.00
39) Acenaphthene-d10	14.084	164	1239026	20.000	ng	0.00
64) Phenanthrene-d10	16.913	188	2245143	20.000	ng	0.00
76) Chrysene-d12	21.342	240	2333965	20.000	ng	0.00
86) Perylene-d12	24.460	264	2604119	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.108	112	3866007	151.966	ng	0.01
7) Phenol-d6	6.643	99	4050176	121.998	ng	0.01
23) Nitrobenzene-d5	8.572	82	2808094	105.447	ng	0.00
42) 2,4,6-Tribromophenol	15.619	330	2303159	157.351	ng	0.00
45) 2-Fluorobiphenyl	12.695	172	7791042	97.412	ng	0.00
79) Terphenyl-d14	19.666	244	10964731	103.250	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.137	88	413009	41.750	ng	# 54
3) Pyridine	3.502	79	994084	36.705	ng	99
4) n-Nitrosodimethylamine	3.414	42	521113	45.443	ng	89
6) Aniline	6.790	93	754414	24.322	ng	99
8) 2-Chlorophenol	7.019	128	1399555	49.170	ng	99
9) Benzaldehyde	6.602	77	502085	28.959	ng	97
10) Phenol	6.666	94	1455874	43.159	ng	98
11) bis(2-Chloroethyl)ether	6.884	93	1174035	45.223	ng	99
12) 1,3-Dichlorobenzene	7.337	146	1358482	42.644	ng	98
13) 1,4-Dichlorobenzene	7.478	146	1380125	42.791	ng	98
14) 1,2-Dichlorobenzene	7.784	146	1354964	43.672	ng	100
15) Benzyl Alcohol	7.678	79	1127757	50.896	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.966	45	1465007	43.400	ng	98
17) 2-Methylphenol	7.884	107	1114293	51.281	ng	99
18) Hexachloroethane	8.502	117	472149	44.937	ng	95
19) n-Nitroso-di-n-propyla...	8.237	70	908933	46.165	ng	98
20) 3+4-Methylphenols	8.202	107	1506758	49.506	ng	99
22) Acetophenone	8.243	105	1937481	46.258	ng	98
24) Nitrobenzene	8.607	77	1319982	48.663	ng	96
25) Isophorone	9.143	82	2623436	52.714	ng	98
26) 2-Nitrophenol	9.313	139	756333	56.809	ng	98
27) 2,4-Dimethylphenol	9.390	122	1323680	71.301	ng	99
28) bis(2-Chloroethoxy)met...	9.619	93	1643213	48.628	ng	99
29) 2,4-Dichlorophenol	9.843	162	1374794	53.407	ng	98
30) 1,2,4-Trichlorobenzene	10.054	180	1362608	47.800	ng	99
31) Naphthalene	10.237	128	4097555	44.932	ng	100
32) Benzoic acid	9.525	122	990346	52.701	ng	95
33) 4-Chloroaniline	10.349	127	358100	10.522	ng	99
34) Hexachlorobutadiene	10.537	225	805418	49.234	ng	100
35) Caprolactam	11.125	113	398963	45.304	ng	98
36) 4-Chloro-3-methylphenol	11.490	107	1413338	52.539	ng	99
37) 2-Methylnaphthalene	11.866	142	2750044	42.739	ng	99
38) 1-Methylnaphthalene	12.084	142	2875053	45.814	ng	98
40) 1,2,4,5-Tetrachloroben...	12.248	216	1605751	45.093	ng	99
41) Hexachlorocyclopentadiene	12.237	237	2032775	218.547	ng	99
43) 2,4,6-Trichlorophenol	12.484	196	1150744	53.369	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.566	196	1360286	55.667	ng	98
46) 1,1'-Biphenyl	12.907	154	4503006	49.950	ng	100
47) 2-Chloronaphthalene	12.943	162	3422978	50.518	ng	99
48) 2-Nitroaniline	13.142	65	918137	54.895	ng	93
49) Acenaphthylene	13.801	152	5730777	55.260	ng	99
50) Dimethylphthalate	13.554	163	4515455	52.062	ng	100
51) 2,6-Dinitrotoluene	13.660	165	968831	57.275	ng	94
52) Acenaphthene	14.160	154	3212866	48.067	ng	99
53) 3-Nitroaniline	13.984	138	606446	33.454	ng	98
54) 2,4-Dinitrophenol	14.207	184	1166495	136.991	ng	92
55) Dibenzofuran	14.507	168	4810567	43.610	ng	100
56) 4-Nitrophenol	14.319	139	1711981	102.335	ng	97
57) 2,4-Dinitrotoluene	14.472	165	1273598	51.120	ng	90
58) Fluorene	15.166	166	3919203	45.934	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.737	232	1134112	51.251	ng	97
60) Diethylphthalate	14.960	149	4057770	46.581	ng	99
61) 4-Chlorophenyl-phenyle...	15.178	204	1940199	45.950	ng	99
62) 4-Nitroaniline	15.189	138	966397	50.840	ng	97
63) Azobenzene	15.478	77	3277601	42.253	ng	96
65) 4,6-Dinitro-2-methylph...	15.248	198	693150	65.538	ng	95
66) n-Nitrosodiphenylamine	15.389	169	3473950	54.067	ng	100
67) 4-Bromophenyl-phenylether	16.089	248	1296565	56.402	ng	98
68) Hexachlorobenzene	16.195	284	1531815	54.518	ng	99
69) Atrazine	16.383	200	1259683	66.904	ng	99
70) Pentachlorophenol	16.560	266	2152402	113.429	ng	99
71) Phenanthrene	16.954	178	6097921	50.830	ng	100
72) Anthracene	17.042	178	6212631	53.979	ng	100
73) Carbazole	17.325	167	5909405	52.513	ng	100
74) Di-n-butylphthalate	17.948	149	7167302	57.195	ng	99
75) Fluoranthene	19.054	202	7220036	51.487	ng	99
77) Benzidine	19.254	184	1062027	25.764	ng	97
78) Pyrene	19.424	202	7413040	51.280	ng	100
80) Butylbenzylphthalate	20.424	149	3285222	58.142	ng	96
81) Benzo(a)anthracene	21.324	228	7519807	53.165	ng	100
82) 3,3'-Dichlorobenzidine	21.248	252	2078808	48.822	ng	99
83) Chrysene	21.383	228	6861933	50.413	ng	100
84) Bis(2-ethylhexyl)phtha...	21.307	149	4701989	61.976	ng	99
85) Di-n-octyl phthalate	22.524	149	8083246	56.821	ng	98
87) Indeno(1,2,3-cd)pyrene	27.995	276	10688941m	64.431	ng	
88) Benzo(b)fluoranthene	23.495	252	7757348	51.179	ng	99
89) Benzo(k)fluoranthene	23.554	252	7833452	51.941	ng	99
90) Benzo(a)pyrene	24.324	252	7413243	57.465	ng	99
91) Dibenzo(a,h)anthracene	28.089	278	8698013	63.429	ng	98
92) Benzo(g,h,i)perylene	29.100	276	7897272	55.748	ng	99

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

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