Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061625\
Data File : BP024963.D
Acq On : 16 Jun 2025 16:23
Operator : RC/JU
Sample : Q2312-01MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-1MSD

Quant Time: Jun 16 17:01:22 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	272314	20.000	ng	-0.01
21) Naphthalene-d8	10.378	136	1085634	20.000	ng	0.00
39) Acenaphthene-d10	14.254	164	695948	20.000	ng	0.00
64) Phenanthrene-d10	17.066	188	1346839	20.000	ng	0.00
76) Chrysene-d12	21.495	240	1390230	20.000	ng	0.01
86) Perylene-d12	24.754	264	1626146	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.237	112	1836800	112.590	ng	0.00
7) Phenol-d6	6.813	99	2375478	110.052	ng	0.00
23) Nitrobenzene-d5	8.760	82	1444789	64.669	ng	0.00
42) 2,4,6-Tribromophenol	15.784	330	1078100	112.047	ng	0.00
45) 2-Fluorobiphenyl	12.854	172	3051262	59.062	ng	0.00
79) Terphenyl-d14	19.789	244	4570609	58.923	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.167	88	291761	40.644	ng	99
3) Pyridine	3.561	79	756109	43.799	ng	100
4) n-Nitrosodimethylamine	3.472	42	327923	46.463	ng	97
6) Aniline	6.949	93	799927	29.039	ng	100
8) 2-Chlorophenol	7.184	128	948211	51.271	ng	99
9) Benzaldehyde	6.761	77	637467	51.237	ng	99
10) Phenol	6.843	94	1152134	51.777	ng	97
11) bis(2-Chloroethyl)ether	7.043	93	837305	47.842	ng	100
12) 1,3-Dichlorobenzene	7.496	146	980440	47.521	ng	99
13) 1,4-Dichlorobenzene	7.643	146	992307	47.668	ng	99
14) 1,2-Dichlorobenzene	7.955	146	948944	46.422	ng	99
15) Benzyl Alcohol	7.860	79	828447	50.009	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.137	45	1074155	46.892	ng	99
17) 2-Methylphenol	8.072	107	781123	50.269	ng	98
18) Hexachloroethane	8.666	117	375116	47.862	ng	98
19) n-Nitroso-di-n-propyla...	8.407	70	668731	45.573	ng	99
20) 3+4-Methylphenols	8.402	107	1040612	49.086	ng	96
22) Acetophenone	8.425	105	1321795	48.190	ng	100
24) Nitrobenzene	8.802	77	973447	49.046	ng	100
25) Isophorone	9.325	82	1850877	47.802	ng	100
26) 2-Nitrophenol	9.507	139	513252	52.410	ng	98
27) 2,4-Dimethylphenol	9.584	122	862404	51.456	ng	98
28) bis(2-Chloroethoxy)met...	9.802	93	1120472	48.512	ng	98
29) 2,4-Dichlorophenol	10.054	162	866832	53.903	ng	99
30) 1,2,4-Trichlorobenzene	10.243	180	870805	48.009	ng	99
31) Naphthalene	10.431	128	2691659	48.381	ng	100
32) Benzoic acid	9.790	122	655168	57.847	ng	98
33) 4-Chloroaniline	10.554	127	526000	22.567	ng	99
34) Hexachlorobutadiene	10.707	225	533779	48.827	ng	98
35) Caprolactam	11.366	113	310692	52.486	ng	91
36) 4-Chloro-3-methylphenol	11.707	107	968675	52.223	ng	99
37) 2-Methylnaphthalene	12.043	142	1718466	48.695	ng	100
38) 1-Methylnaphthalene	12.266	142	1813619	48.069	ng	99
40) 1,2,4,5-Tetrachloroben...	12.419	216	971099	49.175	ng	99
41) Hexachlorocyclopentadiene	12.396	237	1073207	89.100	ng	99
43) 2,4,6-Trichlorophenol	12.684	196	702091	52.940	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.772	196	769528	54.181	ng	98
46) 1,1'-Biphenyl	13.072	154	2449996	48.442	ng	100
47) 2-Chloronaphthalene	13.113	162	1887855	48.566	ng	99
48) 2-Nitroaniline	13.337	65	617011	51.630	ng	97
49) Acenaphthylene	13.972	152	3137588	48.409	ng	100
50) Dimethylphthalate	13.713	163	2512564	48.941	ng	100
51) 2,6-Dinitrotoluene	13.837	165	559314	50.536	ng	100
52) Acenaphthene	14.319	154	1795262	48.337	ng	98
53) 3-Nitroaniline	14.184	138	301675	26.266	ng	98
54) 2,4-Dinitrophenol	14.401	184	748308	102.177	ng	96
55) Dibenzofuran	14.660	168	2852343	47.844	ng	99
56) 4-Nitrophenol	14.548	139	915210	93.169	ng	99
57) 2,4-Dinitrotoluene	14.648	165	793121	51.229	ng	97
58) Fluorene	15.325	166	2360266	49.009	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.913	232	660501	52.049	ng	99
60) Diethylphthalate	15.101	149	2614655	51.102	ng	99
61) 4-Chlorophenyl-phenyle...	15.319	204	1165372	49.489	ng	97
62) 4-Nitroaniline	15.372	138	536968	51.562	ng	93
63) Azobenzene	15.619	77	2589119	55.175	ng	98
65) 4,6-Dinitro-2-methylph...	15.437	198	475839	53.767	ng	97
66) n-Nitrosodiphenylamine	15.542	169	2102098	50.355	ng	100
67) 4-Bromophenyl-phenylether	16.231	248	768090	50.543	ng	99
68) Hexachlorobenzene	16.354	284	925196	50.220	ng	97
69) Atrazine	16.536	200	801882	52.987	ng	100
70) Pentachlorophenol	16.725	266	1155008	121.137	ng	99
71) Phenanthrene	17.113	178	3691999	49.605	ng	100
72) Anthracene	17.201	178	3760749	49.891	ng	99
73) Carbazole	17.495	167	3552534	50.846	ng	100
74) Di-n-butylphthalate	18.072	149	4703006	54.328	ng	100
75) Fluoranthene	19.201	202	4268965	49.486	ng	100
77) Benzidine	19.407	184	2487864	57.780	ng	100
78) Pyrene	19.577	202	4356226	50.156	ng	99
80) Butylbenzylphthalate	20.519	149	2141758	53.835	ng	97
81) Benzo(a)anthracene	21.477	228	4352022	48.945	ng	100
82) 3,3'-Dichlorobenzidine	21.395	252	1074018	30.425	ng	99
83) Chrysene	21.542	228	4098028	48.641	ng	99
84) Bis(2-ethylhexyl)phtha...	21.401	149	3185295	55.882	ng	100
85) Di-n-octyl phthalate	22.642	149	5456819	54.313	ng	99
87) Indeno(1,2,3-cd)pyrene	28.453	276	6084448	51.282	ng	99
88) Benzo(b)fluoranthene	23.724	252	4693639	50.434	ng	99
89) Benzo(k)fluoranthene	23.789	252	4592266	48.477	ng	99
90) Benzo(a)pyrene	24.595	252	4617069	50.801	ng	100
91) Dibenzo(a,h)anthracene	28.518	278	4996119	51.733	ng	100
92) Benzo(g,h,i)perylene	29.612	276	4863170	50.752	ng	98

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

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