Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063025\
Data File : BF142922.D
Acq On : 30 Jun 2025 18:43
Operator : RC/JU
Sample : Q2430-01MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-E/FMSD

Quant Time: Jul 01 01:23:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	69029	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	260392	20.000	ng		-0.01
39) Acenaphthene-d10	9.916	164	136177	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	223120	20.000	ng		0.00
76) Chrysene-d12	14.051	240	130553	20.000	ng		0.00
86) Perylene-d12	15.545	264	155370	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.499	112	370492	89.360	ng		0.00
7) Phenol-d6	6.504	99	440097	89.971	ng		0.00
23) Nitrobenzene-d5	7.440	82	269098	56.685	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	131278	93.679	ng		0.00
45) 2-Fluorobiphenyl	9.234	172	577161	55.678	ng		-0.01
79) Terphenyl-d14	12.992	244	505216	53.469	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.687	88	61188	36.897	ng		99
3) Pyridine	3.452	79	160965	38.718	ng		98
4) n-Nitrosodimethylamine	3.405	42	89864	41.800	ng		99
6) Aniline	6.534	93	180021	27.659	ng	#	80
8) 2-Chlorophenol	6.657	128	195551	43.724	ng		98
9) Benzaldehyde	6.422	77	82944	28.581	ng		99
10) Phenol	6.522	94	224920	41.366	ng		93
11) bis(2-Chloroethyl)ether	6.610	93	167705	43.155	ng		98
12) 1,3-Dichlorobenzene	6.816	146	211593	42.303	ng		100
13) 1,4-Dichlorobenzene	6.893	146	216732	42.947	ng		99
14) 1,2-Dichlorobenzene	7.046	146	208272	43.512	ng		100
15) Benzyl Alcohol	7.016	79	154524	43.697	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.146	45	252038	40.367	ng		89
17) 2-Methylphenol	7.128	107	146010	43.080	ng		98
18) Hexachloroethane	7.387	117	77542	43.930	ng		98
19) n-Nitroso-di-n-propyla...	7.287	70	124595	43.795	ng		97
20) 3+4-Methylphenols	7.281	107	185984	44.011	ng		94
22) Acetophenone	7.281	105	254768	44.368	ng		98
24) Nitrobenzene	7.457	77	185046	43.067	ng		99
25) Isophorone	7.698	82	328702	43.163	ng		99
26) 2-Nitrophenol	7.775	139	106824	45.639	ng		99
27) 2,4-Dimethylphenol	7.810	122	173917	42.897	ng		99
28) bis(2-Chloroethoxy)met...	7.904	93	210122	43.400	ng		99
29) 2,4-Dichlorophenol	8.016	162	160870	43.760	ng		99
30) 1,2,4-Trichlorobenzene	8.098	180	176293	43.612	ng		99
31) Naphthalene	8.181	128	550826	43.216	ng		99
32) Benzoic acid	7.928	122	79245	38.348	ng		100
33) 4-Chloroaniline	8.228	127	78285	15.105	ng		99
34) Hexachlorobutadiene	8.293	225	107799	43.597	ng		99
35) Caprolactam	8.598	113	46482	47.917	ng		97
36) 4-Chloro-3-methylphenol	8.716	107	161367	44.168	ng		98
37) 2-Methylnaphthalene	8.869	142	343085	43.418	ng		99
38) 1-Methylnaphthalene	8.969	142	355644	43.478	ng		100
40) 1,2,4,5-Tetrachloroben...	9.040	216	175858	43.766	ng		99
41) Hexachlorocyclopentadiene	9.022	237	184655	80.981	ng		100
43) 2,4,6-Trichlorophenol	9.151	196	112230	42.863	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	116734	42.353	ng	98
46) 1,1'-Biphenyl	9.340	154	471999	43.877	ng	100
47) 2-Chloronaphthalene	9.363	162	348294	43.146	ng	100
48) 2-Nitroaniline	9.457	65	99686	44.047	ng	99
49) Acenaphthylene	9.781	152	575988	43.343	ng	100
50) Dimethylphthalate	9.639	163	399236	45.292	ng	100
51) 2,6-Dinitrotoluene	9.704	165	88111	45.516	ng	95
52) Acenaphthene	9.951	154	372582	45.952	ng	99
53) 3-Nitroaniline	9.869	138	52145	24.466	ng	98
54) 2,4-Dinitrophenol	9.981	184	64050	66.079	ng	99
55) Dibenzofuran	10.122	168	500815	43.075	ng	99
56) 4-Nitrophenol	10.039	139	122356	83.856	ng	97
57) 2,4-Dinitrotoluene	10.110	165	116615	45.352	ng	95
58) Fluorene	10.469	166	398241	43.858	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	95423	42.951	ng	97
60) Diethylphthalate	10.339	149	407136	47.107	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	190334	43.927	ng	99
62) 4-Nitroaniline	10.486	138	85223	43.721	ng	98
63) Azobenzene	10.616	77	359391	46.526	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	55973	41.474	ng	97
66) n-Nitrosodiphenylamine	10.575	169	341361	44.145	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	113116	44.546	ng	96
68) Hexachlorobenzene	11.016	284	125535	44.491	ng	99
69) Atrazine	11.104	200	104911	52.538	ng	100
70) Pentachlorophenol	11.210	266	113384	80.643	ng	99
71) Phenanthrene	11.433	178	536432	44.383	ng	100
72) Anthracene	11.481	178	546217	44.065	ng	99
73) Carbazole	11.639	167	471711	44.097	ng	100
74) Di-n-butylphthalate	11.963	149	594954	53.390	ng	100
75) Fluoranthene	12.622	202	511971	44.633	ng	99
77) Benzidine	12.739	184	107520	21.920	ng	99
78) Pyrene	12.851	202	513149	41.933	ng	99
80) Butylbenzylphthalate	13.463	149	193223	54.434	ng	99
81) Benzo(a)anthracene	14.039	228	380347	43.186	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	42802	14.983	ng	100
83) Chrysene	14.080	228	358185	45.577	ng	100
84) Bis(2-ethylhexyl)phtha...	14.022	149	261938	51.288	ng	100
85) Di-n-octyl phthalate	14.639	149	431716	44.829	ng	99
87) Indeno(1,2,3-cd)pyrene	17.057	276	478743	40.454	ng	99
88) Benzo(b)fluoranthene	15.104	252	425666	47.347	ng	100
89) Benzo(k)fluoranthene	15.133	252	352185	41.871	ng	99
90) Benzo(a)pyrene	15.480	252	390663	44.980	ng	100
91) Dibenzo(a,h)anthracene	17.074	278	388256	40.378	ng	98
92) Benzo(g,h,i)perylene	17.515	276	378974	39.524	ng	98

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

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