Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143061.D
Acq On : 09 Jul 2025 17:30
Operator : RC/JU
Sample : Q2517-01MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-14MSD

Quant Time: Jul 09 17:54:11 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	6.869	152	49173	20.000	ng		-0.01
21) Naphthalene-d8	8.157	136	178050	20.000	ng		-0.01
39) Acenaphthene-d10	9.916	164	87986	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	128612	20.000	ng		0.00
76) Chrysene-d12	14.051	240	92445	20.000	ng		0.00
86) Perylene-d12	15.551	264	117034	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	217592	73.673	ng		0.00
7) Phenol-d6	6.504	99	259678	74.523	ng		0.00
23) Nitrobenzene-d5	7.434	82	155950	48.043	ng		-0.01
42) 2,4,6-Tribromophenol	10.704	330	61090	67.470	ng		-0.01
45) 2-Fluorobiphenyl	9.233	172	311592	46.522	ng		-0.01
79) Terphenyl-d14	12.986	244	224108	33.496	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.652	88	42915	36.328	ng		98
3) Pyridine	3.422	79	110831	37.424	ng		98
4) n-Nitrosodimethylamine	3.375	42	61138	39.922	ng		100
6) Aniline	6.534	93	127670	27.536	ng	#	86
8) 2-Chlorophenol	6.657	128	133053	41.762	ng		97
9) Benzaldehyde	6.422	77	87690	42.418	ng		100
10) Phenol	6.522	94	157093	40.558	ng		89
11) bis(2-Chloroethyl)ether	6.604	93	115455	41.706	ng		97
12) 1,3-Dichlorobenzene	6.810	146	148975	41.810	ng		100
13) 1,4-Dichlorobenzene	6.887	146	149347	41.544	ng		99
14) 1,2-Dichlorobenzene	7.039	146	143888	42.199	ng		99
15) Benzyl Alcohol	7.016	79	104184	41.358	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	166890	37.523	ng		88
17) 2-Methylphenol	7.128	107	100852	41.772	ng		99
18) Hexachloroethane	7.381	117	51282	40.784	ng		96
19) n-Nitroso-di-n-propyla...	7.281	70	84596	41.743	ng		97
20) 3+4-Methylphenols	7.281	107	127747	42.437	ng	#	88
22) Acetophenone	7.281	105	175702	44.750	ng		99
24) Nitrobenzene	7.457	77	125370	42.672	ng		98
25) Isophorone	7.692	82	218308	41.924	ng		99
26) 2-Nitrophenol	7.775	139	70614	44.121	ng		97
27) 2,4-Dimethylphenol	7.810	122	115988m	41.839	ng		
28) bis(2-Chloroethoxy)met...	7.904	93	137119	41.419	ng		99
29) 2,4-Dichlorophenol	8.016	162	107408	42.730	ng		98
30) 1,2,4-Trichlorobenzene	8.098	180	119274	43.152	ng		99
31) Naphthalene	8.181	128	372552	42.747	ng		99
32) Benzoic acid	7.939	122	18260m	12.923	ng		
33) 4-Chloroaniline	8.228	127	76813	21.675	ng		97
34) Hexachlorobutadiene	8.292	225	73363	43.391	ng		99
35) Caprolactam	8.592	113	25828	38.939	ng		98
36) 4-Chloro-3-methylphenol	8.716	107	103523	41.439	ng		98
37) 2-Methylnaphthalene	8.869	142	229201	42.420	ng		100
38) 1-Methylnaphthalene	8.969	142	238515	42.643	ng		99
40) 1,2,4,5-Tetrachloroben...	9.039	216	117379	45.212	ng		99
41) Hexachlorocyclopentadiene	9.022	237	85647	58.134	ng		99
43) 2,4,6-Trichlorophenol	9.151	196	66141	39.097	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	69726	39.153	ng	99
46) 1,1'-Biphenyl	9.333	154	308555	44.394	ng	100
47) 2-Chloronaphthalene	9.363	162	232029	44.486	ng	99
48) 2-Nitroaniline	9.457	65	64108	43.841	ng	97
49) Acenaphthylene	9.775	152	377263	43.938	ng	99
50) Dimethylphthalate	9.633	163	248926	43.707	ng	100
51) 2,6-Dinitrotoluene	9.698	165	55958	44.739	ng	98
52) Acenaphthene	9.951	154	224582m	42.870	ng	
53) 3-Nitroaniline	9.869	138	40799	29.627	ng	98
54) 2,4-Dinitrophenol	9.992	184	16701	26.667	ng	95
55) Dibenzofuran	10.122	168	323306	43.038	ng	99
56) 4-Nitrophenol	10.039	139	52372	55.552	ng	98
57) 2,4-Dinitrotoluene	10.110	165	71054	42.768	ng	95
58) Fluorene	10.463	166	254958	43.457	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	49229	34.295	ng	96
60) Diethylphthalate	10.333	149	240572	43.081	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	119342	42.628	ng	98
62) 4-Nitroaniline	10.486	138	51394	40.807	ng	98
63) Azobenzene	10.616	77	227625	45.607	ng	95
65) 4,6-Dinitro-2-methylph...	10.522	198	21130	27.162	ng	97
66) n-Nitrosodiphenylamine	10.575	169	211666	47.487	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	69611	47.557	ng	97
68) Hexachlorobenzene	11.016	284	75615	46.491	ng	97
69) Atrazine	11.098	200	56139	48.773	ng	99
70) Pentachlorophenol	11.216	266	36592	45.150	ng	97
71) Phenanthrene	11.427	178	313167	44.951	ng	100
72) Anthracene	11.480	178	319487	44.714	ng	100
73) Carbazole	11.639	167	267422	43.370	ng	99
74) Di-n-butylphthalate	11.957	149	303241	47.208	ng	100
75) Fluoranthene	12.621	202	273144	41.311	ng	99
77) Benzidine	12.745	184	103360	29.759	ng	99
78) Pyrene	12.851	202	269733	31.128	ng	100
80) Butylbenzylphthalate	13.463	149	101642	40.438	ng	97
81) Benzo(a)anthracene	14.045	228	274046	43.943	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	53410	26.404	ng	97
83) Chrysene	14.080	228	241689	43.431	ng	99
84) Bis(2-ethylhexyl)phtha...	14.021	149	133883	37.021	ng	99
85) Di-n-octyl phthalate	14.633	149	259655	38.077	ng	98
87) Indeno(1,2,3-cd)pyrene	17.068	276	316533	35.508	ng	98
88) Benzo(b)fluoranthene	15.110	252	299861	44.279	ng	100
89) Benzo(k)fluoranthene	15.139	252	295028	46.565	ng	100
90) Benzo(a)pyrene	15.486	252	294343	44.991	ng	100
91) Dibenzo(a,h)anthracene	17.080	278	258572	35.699	ng	98
92) Benzo(g,h,i)perylene	17.527	276	236028	32.679	ng	98

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

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