Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062325\
Data File : BF142809.D
Acq On : 23 Jun 2025 16:44
Operator : RC/JU
Sample : Q2389-01MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-J-IMSD

Quant Time: Jun 24 06:43:10 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	6.881	152	71253	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	261542	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	137075	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	215505	20.000	ng	0.00
76) Chrysene-d12	14.057	240	125495	20.000	ng	0.00
86) Perylene-d12	15.545	264	161231	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	261754	61.162	ng	0.00
7) Phenol-d6	6.504	99	314297	62.247	ng	0.00
23) Nitrobenzene-d5	7.440	82	184099	38.609	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	90479	64.142	ng	0.00
45) 2-Fluorobiphenyl	9.240	172	388295	37.213	ng	0.00
79) Terphenyl-d14	12.992	244	321327	35.378	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.658	88	62593	36.567	ng	99
3) Pyridine	3.428	79	169898	39.591	ng	98
4) n-Nitrosodimethylamine	3.375	42	94815	42.727	ng	100
6) Aniline	6.540	93	214406	31.913	ng	96
8) 2-Chlorophenol	6.663	128	203620	44.107	ng	99
9) Benzaldehyde	6.428	77	125507	41.898	ng	97
10) Phenol	6.522	94	244942	43.642	ng	97
11) bis(2-Chloroethyl)ether	6.610	93	177327	44.206	ng	99
12) 1,3-Dichlorobenzene	6.822	146	221691	42.938	ng	99
13) 1,4-Dichlorobenzene	6.899	146	223809	42.965	ng	99
14) 1,2-Dichlorobenzene	7.051	146	213224	43.156	ng	99
15) Benzyl Alcohol	7.022	79	161921	44.360	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.151	45	278897	43.275	ng	98
17) 2-Methylphenol	7.134	107	153786	43.958	ng	100
18) Hexachloroethane	7.393	117	78117	42.874	ng	98
19) n-Nitroso-di-n-propyla...	7.287	70	127774	43.511	ng	99
20) 3+4-Methylphenols	7.287	107	193242	44.301	ng	93
22) Acetophenone	7.287	105	260829	45.224	ng	98
24) Nitrobenzene	7.463	77	196820	45.605	ng	98
25) Isophorone	7.704	82	348924	45.617	ng	99
26) 2-Nitrophenol	7.781	139	109922	46.757	ng	99
27) 2,4-Dimethylphenol	7.816	122	182729	44.872	ng	100
28) bis(2-Chloroethoxy)met...	7.910	93	219370	45.111	ng	99
29) 2,4-Dichlorophenol	8.022	162	167847	45.458	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	184227	45.374	ng	97
31) Naphthalene	8.187	128	572548	44.723	ng	100
32) Benzoic acid	7.928	122	108928	52.481	ng	96
33) 4-Chloroaniline	8.234	127	84404	16.214	ng	99
34) Hexachlorobutadiene	8.304	225	110591	44.529	ng	99
35) Caprolactam	8.604	113	50864	52.203	ng	97
36) 4-Chloro-3-methylphenol	8.716	107	168259	45.852	ng	99
37) 2-Methylnaphthalene	8.875	142	357947	45.100	ng	100
38) 1-Methylnaphthalene	8.975	142	370268	45.066	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	179661	44.420	ng	99
41) Hexachlorocyclopentadiene	9.034	237	220564	96.096	ng	98
43) 2,4,6-Trichlorophenol	9.157	196	118075	44.800	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	128243	46.224	ng	99
46) 1,1'-Biphenyl	9.340	154	487257	44.999	ng	100
47) 2-Chloronaphthalene	9.369	162	358914	44.170	ng	99
48) 2-Nitroaniline	9.463	65	106919	46.933	ng	99
49) Acenaphthylene	9.787	152	601007	44.929	ng	100
50) Dimethylphthalate	9.640	163	413794	46.636	ng	99
51) 2,6-Dinitrotoluene	9.704	165	91819	47.121	ng	99
52) Acenaphthene	9.957	154	400784	49.107	ng	100
53) 3-Nitroaniline	9.875	138	49489	23.068	ng	99
54) 2,4-Dinitrophenol	9.981	184	99042	101.510	ng	99
55) Dibenzofuran	10.128	168	525944	44.940	ng	99
56) 4-Nitrophenol	10.039	139	137608	93.691	ng	99
57) 2,4-Dinitrotoluene	10.110	165	123294	47.635	ng	99
58) Fluorene	10.469	166	409005	44.748	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	100005	44.718	ng	99
60) Diethylphthalate	10.339	149	411625	47.315	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	193394	44.341	ng	99
62) 4-Nitroaniline	10.486	138	91704	46.737	ng	99
63) Azobenzene	10.622	77	377995	48.614	ng	97
65) 4,6-Dinitro-2-methylph...	10.516	198	63157	48.451	ng	97
66) n-Nitrosodiphenylamine	10.581	169	352022	47.132	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	116290	47.414	ng	95
68) Hexachlorobenzene	11.022	284	127724	46.866	ng	98
69) Atrazine	11.104	200	106658	55.300	ng	99
70) Pentachlorophenol	11.216	266	128172	94.382	ng	98
71) Phenanthrene	11.434	178	544727	46.662	ng	100
72) Anthracene	11.486	178	555972	46.437	ng	100
73) Carbazole	11.639	167	483397	46.787	ng	99
74) Di-n-butylphthalate	11.969	149	562976	52.305	ng	100
75) Fluoranthene	12.622	202	489254	44.160	ng	99
77) Benzidine	12.745	184	188489	39.977	ng	100
78) Pyrene	12.851	202	474298	40.321	ng	99
80) Butylbenzylphthalate	13.469	149	166121	48.685	ng	96
81) Benzo(a)anthracene	14.045	228	397000	46.894	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	41502	15.114	ng	98
83) Chrysene	14.080	228	360777	47.757	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	209437	42.661	ng	100
85) Di-n-octyl phthalate	14.645	149	377399	40.768	ng	99
87) Indeno(1,2,3-cd)pyrene	17.057	276	529089	43.083	ng	99
88) Benzo(b)fluoranthene	15.104	252	448074	48.027	ng	99
89) Benzo(k)fluoranthene	15.139	252	401768	46.029	ng	99
90) Benzo(a)pyrene	15.480	252	426146	47.281	ng	100
91) Dibenzo(a,h)anthracene	17.074	278	428587	42.952	ng	99
92) Benzo(g,h,i)perylene	17.515	276	421432	42.355	ng	100

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

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