Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011525\
Data File : BF141176.D
Acq On : 15 Jan 2025 16:40
Operator : RC/JU
Sample : Q1068-01MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MSD

Quant Time: Jan 15 17:10:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:54:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.822	152	143081	20.000	ng		0.00
21) Naphthalene-d8	8.104	136	569188	20.000	ng		0.00
39) Acenaphthene-d10	9.863	164	294771	20.000	ng		0.00
64) Phenanthrene-d10	11.345	188	427420	20.000	ng		0.00
76) Chrysene-d12	13.992	240	307236	20.000	ng		0.00
86) Perylene-d12	15.468	264	256318	20.000	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	687064	74.180	ng		0.00
7) Phenol-d6	6.445	99	1035177	88.232	ng		0.00
23) Nitrobenzene-d5	7.381	82	666857	62.104	ng		0.00
42) 2,4,6-Tribromophenol	10.645	330	124689	37.124	ng		0.00
45) 2-Fluorobiphenyl	9.181	172	1207713	62.565	ng		0.00
79) Terphenyl-d14	12.933	244	1080678	52.280	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.575	88	99902	24.221	ng		99
3) Pyridine	3.316	79	249451	24.663	ng		96
4) n-Nitrosodimethylamine	3.257	42	144877	29.295	ng		98
6) Aniline	6.481	93	163222	15.670	ng		97
8) 2-Chlorophenol	6.604	128	300320	30.222	ng		96
9) Benzaldehyde	6.369	77	40776	5.901	ng		94
10) Phenol	6.463	94	396493	31.570	ng		99
11) bis(2-Chloroethyl)ether	6.557	93	295551	31.577	ng		97
12) 1,3-Dichlorobenzene	6.763	146	316476	28.555	ng		98
13) 1,4-Dichlorobenzene	6.840	146	323869	28.999	ng		99
14) 1,2-Dichlorobenzene	6.992	146	315295	30.265	ng		97
15) Benzyl Alcohol	6.957	79	280336	33.086	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.092	45	390750	29.918	ng		97
17) 2-Methylphenol	7.069	107	253262	31.569	ng		99
18) Hexachloroethane	7.334	117	116502	28.846	ng		99
19) n-Nitroso-di-n-propyla...	7.234	70	214591	31.050	ng		98
20) 3+4-Methylphenols	7.222	107	324187	32.030	ng	#	87
22) Acetophenone	7.228	105	420478	31.075	ng		97
24) Nitrobenzene	7.404	77	325628	29.097	ng		97
25) Isophorone	7.639	82	583759	31.812	ng		99
26) 2-Nitrophenol	7.716	139	127008	24.949	ng		97
27) 2,4-Dimethylphenol	7.757	122	250815	36.528	ng		99
28) bis(2-Chloroethoxy)met...	7.851	93	356419	30.949	ng		99
29) 2,4-Dichlorophenol	7.957	162	236851	29.043	ng		99
30) 1,2,4-Trichlorobenzene	8.045	180	268865	28.843	ng		100
31) Naphthalene	8.128	128	948739	31.607	ng		100
32) Benzoic acid	7.869	122	10799m	1.639	ng		
33) 4-Chloroaniline	8.175	127	134518	12.958	ng		99
34) Hexachlorobutadiene	8.245	225	159147	28.334	ng		99
35) Caprolactam	8.522	113	81493	30.523	ng		96
36) 4-Chloro-3-methylphenol	8.651	107	284843	31.937	ng		98
37) 2-Methylnaphthalene	8.816	142	614978	32.151	ng		99
38) 1-Methylnaphthalene	8.916	142	571584	30.321	ng		99
40) 1,2,4,5-Tetrachloroben...	8.981	216	274538	32.449	ng		99
41) Hexachlorocyclopentadiene	8.969	237	121583	43.925	ng		98
43) 2,4,6-Trichlorophenol	9.092	196	101888	17.856	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.133	196	137849	22.875	ng		99
46) 1,1'-Biphenyl	9.281	154	744386	32.517	ng		99
47) 2-Chloronaphthalene	9.304	162	549279	30.807	ng		99
48) 2-Nitroaniline	9.398	65	173916	32.905	ng		98
49) Acenaphthylene	9.722	152	977297	38.365	ng		99
50) Dimethylphthalate	9.581	163	646040	32.646	ng		99
51) 2,6-Dinitrotoluene	9.645	165	141448	30.737	ng		98
52) Acenaphthene	9.892	154	549398	30.870	ng		99
53) 3-Nitroaniline	9.810	138	118024	25.238	ng		100
54) 2,4-Dinitrophenol	9.916	184	5836	2.668	ng	#	1
55) Dibenzofuran	10.063	168	772302	31.903	ng		99
56) 4-Nitrophenol	9.963	139	89059	24.317	ng		99
57) 2,4-Dinitrotoluene	10.045	165	186784	31.495	ng		99
58) Fluorene	10.410	166	609361	32.401	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.181	232	66467	13.269	ng		99
60) Diethylphthalate	10.280	149	620252	32.105	ng		100
61) 4-Chlorophenyl-phenyle...	10.404	204	289829	31.619	ng		98
62) 4-Nitroaniline	10.416	138	128687	28.115	ng		98
63) Azobenzene	10.563	77	634488	33.284	ng		95
65) 4,6-Dinitro-2-methylph...	10.451	198	11195	4.520	ng		83
66) n-Nitrosodiphenylamine	10.516	169	522412	37.894	ng		99
67) 4-Bromophenyl-phenylether	10.892	248	173354	35.228	ng		97
68) Hexachlorobenzene	10.957	284	184199	33.626	ng		99
69) Atrazine	11.045	200	166855	44.950	ng		99
70) Pentachlorophenol	11.151	266	80199	22.862	ng		97
71) Phenanthrene	11.369	178	928440	40.461	ng		99
72) Anthracene	11.422	178	906732	40.638	ng		100
73) Carbazole	11.575	167	673943	32.941	ng		100
74) Di-n-butylphthalate	11.910	149	828354	35.379	ng		100
75) Fluoranthene	12.563	202	966493	42.207	ng		99
77) Benzidine	12.680	184	84383	14.811	ng	#	94
78) Pyrene	12.792	202	1159012	39.496	ng		99
80) Butylbenzylphthalate	13.410	149	305345	31.209	ng		99
81) Benzo(a)anthracene	13.980	228	820834	39.257	ng		95
82) 3,3'-Dichlorobenzidine	13.945	252	137413	20.639	ng		98
83) Chrysene	14.021	228	795763	40.674	ng		98
84) Bis(2-ethylhexyl)phtha...	13.974	149	407859	34.743	ng		100
85) Di-n-octyl phthalate	14.604	149	663939	37.454	ng		98
87) Indeno(1,2,3-cd)pyrene	16.927	276	619424	32.986	ng		96
88) Benzo(b)fluoranthene	15.045	252	796990	48.220	ng		99
89) Benzo(k)fluoranthene	15.068	252	562619m	40.280	ng		
90) Benzo(a)pyrene	15.404	252	714424	52.390	ng		100
91) Dibenzo(a,h)anthracene	16.945	278	422648	27.827	ng		98
92) Benzo(g,h,i)perylene	17.368	276	551001	34.878	ng		99

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

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