Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082125\
Data File : BF143549.D
Acq On : 22 Aug 2025 01:21
Operator : RC/JU
Sample : Q2903-06MSD
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-1B-081925MSD

Quant Time: Aug 22 03:01:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 21 06:12:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.928	152	106890	20.000	ng		0.00
21) Naphthalene-d8	8.210	136	392399	20.000	ng		0.00
39) Acenaphthene-d10	9.963	164	198833	20.000	ng		0.00
64) Phenanthrene-d10	11.451	188	274710	20.000	ng		0.00
76) Chrysene-d12	14.098	240	213040	20.000	ng		0.00
86) Perylene-d12	15.592	264	238923	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.563	112	399079	65.194	ng		0.00
7) Phenol-d6	6.557	99	323175	42.767	ng		-0.02
23) Nitrobenzene-d5	7.487	82	641196	95.354	ng		-0.01
42) 2,4,6-Tribromophenol	10.757	330	240282	129.823	ng		0.00
45) 2-Fluorobiphenyl	9.281	172	1130518	93.967	ng		0.00
79) Terphenyl-d14	13.033	244	895811	73.377	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.805	88	56657	19.979	ng		99
3) Pyridine	3.575	79	131058	17.352	ng		99
4) n-Nitrosodimethylamine	3.505	42	74554	21.958	ng		96
6) Aniline	6.587	93	242088	23.968	ng		96
8) 2-Chlorophenol	6.716	128	225651	33.374	ng		100
9) Benzaldehyde	6.475	77	139081	22.733	ng		99
10) Phenol	6.575	94	137377	15.781	ng		90
11) bis(2-Chloroethyl)ether	6.651	93	251588	38.675	ng		99
12) 1,3-Dichlorobenzene	6.869	146	154106	20.286	ng		99
13) 1,4-Dichlorobenzene	6.940	146	164085	21.532	ng		98
14) 1,2-Dichlorobenzene	7.098	146	162898	22.578	ng		99
15) Benzyl Alcohol	7.063	79	186434	32.953	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.198	45	362053	34.788	ng		99
17) 2-Methylphenol	7.181	107	171915	31.681	ng		96
18) Hexachloroethane	7.440	117	47098	18.178	ng		96
19) n-Nitroso-di-n-propyla...	7.334	70	204861	44.355	ng		100
20) 3+4-Methylphenols	7.334	107	185243	28.596	ng	#	75
22) Acetophenone	7.328	105	378769	44.679	ng		95
24) Nitrobenzene	7.504	77	288164	41.637	ng		99
25) Isophorone	7.745	82	568657	46.133	ng		99
26) 2-Nitrophenol	7.822	139	144326	42.572	ng		95
27) 2,4-Dimethylphenol	7.863	122	216950	41.052	ng		97
28) bis(2-Chloroethoxy)met...	7.951	93	343742	45.377	ng		99
29) 2,4-Dichlorophenol	8.069	162	231336	40.987	ng		99
30) 1,2,4-Trichlorobenzene	8.151	180	181959	31.356	ng		100
31) Naphthalene	8.228	128	629921	33.437	ng		100
32) Benzoic acid	7.963	122	36947	16.417	ng		99
33) 4-Chloroaniline	8.275	127	141191	21.116	ng		100
34) Hexachlorobutadiene	8.345	225	92488	24.429	ng		98
35) Caprolactam	8.640	113	14433	10.657	ng		99
36) 4-Chloro-3-methylphenol	8.757	107	230476	40.747	ng		96
37) 2-Methylnaphthalene	8.922	142	438852	34.878	ng		100
38) 1-Methylnaphthalene	9.022	142	457089	37.978	ng		100
40) 1,2,4,5-Tetrachloroben...	9.087	216	238686	41.968	ng		99
41) Hexachlorocyclopentadiene	9.075	237	159207	72.686	ng		99
43) 2,4,6-Trichlorophenol	9.198	196	164579	47.028	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.245	196	173965	45.509	ng	99
46) 1,1'-Biphenyl	9.387	154	635872	45.056	ng	99
47) 2-Chloronaphthalene	9.410	162	478806	43.240	ng	99
48) 2-Nitroaniline	9.504	65	161485	49.830	ng	98
49) Acenaphthylene	9.828	152	788297	49.718	ng	100
50) Dimethylphthalate	9.681	163	631164	52.706	ng	100
51) 2,6-Dinitrotoluene	9.745	165	132380	53.338	ng	100
52) Acenaphthene	9.998	154	513549	47.705	ng	100
53) 3-Nitroaniline	9.916	138	78358	29.218	ng	98
54) 2,4-Dinitrophenol	10.028	184	96195	72.973	ng	99
55) Dibenzofuran	10.169	168	692556	45.124	ng	97
56) 4-Nitrophenol	10.086	139	55850	35.000	ng	96
57) 2,4-Dinitrotoluene	10.151	165	169805	51.239	ng	98
58) Fluorene	10.516	166	534295	45.231	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.292	232	141845	49.945	ng	99
60) Diethylphthalate	10.381	149	565726	52.692	ng	100
61) 4-Chlorophenyl-phenyle...	10.504	204	275427	46.622	ng	99
62) 4-Nitroaniline	10.528	138	110360	44.801	ng	96
63) Azobenzene	10.663	77	538883	48.406	ng	99
65) 4,6-Dinitro-2-methylph...	10.563	198	77315	49.915	ng	98
66) n-Nitrosodiphenylamine	10.622	169	457844	51.788	ng	98
67) 4-Bromophenyl-phenylether	10.992	248	166888	50.916	ng	97
68) Hexachlorobenzene	11.069	284	172427	48.803	ng	99
69) Atrazine	11.145	200	137662	60.323	ng	99
70) Pentachlorophenol	11.263	266	157387	97.265	ng	99
71) Phenanthrene	11.475	178	693850	47.165	ng	100
72) Anthracene	11.528	178	697629	46.811	ng	100
73) Carbazole	11.680	167	571768	46.822	ng	99
74) Di-n-butylphthalate	12.004	149	703123	61.721	ng	100
75) Fluoranthene	12.669	202	609585	46.180	ng	99
77) Benzidine	12.780	184	198066	38.168	ng	99
78) Pyrene	12.898	202	617956	35.263	ng	99
80) Butylbenzylphthalate	13.504	149	253293	52.909	ng	97
81) Benzo(a)anthracene	14.086	228	639464	46.623	ng	100
82) 3,3'-Dichlorobenzidine	14.045	252	127936	32.571	ng	98
83) Chrysene	14.121	228	578811	46.959	ng	99
84) Bis(2-ethylhexyl)phtha...	14.063	149	374032	51.298	ng	99
85) Di-n-octyl phthalate	14.680	149	653321	48.367	ng	99
87) Indeno(1,2,3-cd)pyrene	17.121	276	567749	33.068	ng	99
88) Benzo(b)fluoranthene	15.151	252	690451	51.988	ng	99
89) Benzo(k)fluoranthene	15.180	252	613537	48.250	ng	100
90) Benzo(a)pyrene	15.533	252	616477	50.008	ng	99
91) Dibenzo(a,h)anthracene	17.133	278	476001	34.617	ng	99
92) Benzo(g,h,i)perylene	17.580	276	419562	30.686	ng	99

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

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