Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082125\
Data File : BF143558.D
Acq On : 22 Aug 2025 05:43
Operator : RC/JU
Sample : Q2915-01MSD
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BRIDGE-WESTMSD

Quant Time: Aug 22 05:59:29 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	96979	20.000	ng		0.00
21) Naphthalene-d8	8.210	136	364567	20.000	ng		0.00
39) Acenaphthene-d10	9.963	164	192134	20.000	ng		0.00
64) Phenanthrene-d10	11.451	188	262234	20.000	ng		0.00
76) Chrysene-d12	14.098	240	193305	20.000	ng		0.00
86) Perylene-d12	15.592	264	216782	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.569	112	532569	95.892	ng		0.00
7) Phenol-d6	6.563	99	665276	97.037	ng		-0.01
23) Nitrobenzene-d5	7.487	82	452676	72.458	ng		-0.01
42) 2,4,6-Tribromophenol	10.757	330	163996	91.695	ng		0.00
45) 2-Fluorobiphenyl	9.281	172	815877	70.179	ng		0.00
79) Terphenyl-d14	13.033	244	586082	52.908	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.828	88	102867	39.982	ng		98
3) Pyridine	3.587	79	270267	39.440	ng		96
4) n-Nitrosodimethylamine	3.534	42	153895	49.958	ng		89
6) Aniline	6.587	93	279299	30.478	ng	#	56
8) 2-Chlorophenol	6.716	128	273143	44.527	ng		99
9) Benzaldehyde	6.475	77	148909	26.827	ng		96
10) Phenol	6.581	94	342683	43.388	ng		98
11) bis(2-Chloroethyl)ether	6.657	93	259306	43.935	ng		100
12) 1,3-Dichlorobenzene	6.869	146	308222	44.719	ng		99
13) 1,4-Dichlorobenzene	6.945	146	312488	45.198	ng		99
14) 1,2-Dichlorobenzene	7.098	146	297263	45.412	ng		99
15) Benzyl Alcohol	7.069	79	255337	49.745	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.198	45	414429	43.890	ng		96
17) 2-Methylphenol	7.181	107	221180	44.925	ng		99
18) Hexachloroethane	7.440	117	105332	44.809	ng		96
19) n-Nitroso-di-n-propyla...	7.340	70	198926	47.471	ng		98
20) 3+4-Methylphenols	7.334	107	271499	46.194	ng		93
22) Acetophenone	7.334	105	375808	47.714	ng		99
24) Nitrobenzene	7.504	77	301190	46.841	ng		97
25) Isophorone	7.745	82	549098	47.947	ng		99
26) 2-Nitrophenol	7.822	139	147067	46.692	ng		92
27) 2,4-Dimethylphenol	7.863	122	236541	48.176	ng		95
28) bis(2-Chloroethoxy)met...	7.951	93	318410	45.242	ng		100
29) 2,4-Dichlorophenol	8.069	162	233938	44.612	ng		98
30) 1,2,4-Trichlorobenzene	8.151	180	255324	47.357	ng		99
31) Naphthalene	8.234	128	776185	44.346	ng		100
32) Benzoic acid	7.987	122	111401	40.881	ng		95
33) 4-Chloroaniline	8.275	127	87853	14.142	ng		98
34) Hexachlorobutadiene	8.351	225	162918	46.317	ng		99
35) Caprolactam	8.651	113	66294	52.685	ng		98
36) 4-Chloro-3-methylphenol	8.769	107	244489	46.524	ng		97
37) 2-Methylnaphthalene	8.922	142	470054	40.210	ng		100
38) 1-Methylnaphthalene	9.022	142	480694	42.988	ng		98
40) 1,2,4,5-Tetrachloroben...	9.092	216	249031	45.313	ng		99
41) Hexachlorocyclopentadiene	9.081	237	197138	91.327	ng		99
43) 2,4,6-Trichlorophenol	9.204	196	158486	46.866	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.245	196	161644	43.760	ng	97
46) 1,1'-Biphenyl	9.386	154	634129	46.500	ng	99
47) 2-Chloronaphthalene	9.410	162	481061	44.959	ng	98
48) 2-Nitroaniline	9.504	65	148885	47.544	ng	99
49) Acenaphthylene	9.828	152	763486	49.833	ng	100
50) Dimethylphthalate	9.681	163	585205	50.572	ng	100
51) 2,6-Dinitrotoluene	9.745	165	121881	50.820	ng	95
52) Acenaphthene	9.998	154	485047	46.629	ng	100
53) 3-Nitroaniline	9.916	138	75859	29.272	ng	98
54) 2,4-Dinitrophenol	10.028	184	79035	62.838	ng	94
55) Dibenzofuran	10.169	168	661130	44.578	ng	96
56) 4-Nitrophenol	10.086	139	131221	85.100	ng	90
57) 2,4-Dinitrotoluene	10.151	165	158062	49.358	ng	95
58) Fluorene	10.516	166	505767	44.309	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.292	232	128685	46.892	ng	97
60) Diethylphthalate	10.381	149	548052	52.825	ng	99
61) 4-Chlorophenyl-phenyle...	10.504	204	256984	45.017	ng	98
62) 4-Nitroaniline	10.528	138	102544	43.079	ng	93
63) Azobenzene	10.663	77	546735	50.824	ng	97
65) 4,6-Dinitro-2-methylph...	10.563	198	66398	44.906	ng	98
66) n-Nitrosodiphenylamine	10.622	169	428005	50.716	ng	98
67) 4-Bromophenyl-phenylether	10.992	248	154989	49.535	ng	95
68) Hexachlorobenzene	11.069	284	158432	46.975	ng	100
69) Atrazine	11.145	200	131133	60.195	ng	96
70) Pentachlorophenol	11.263	266	143780	93.083	ng	99
71) Phenanthrene	11.475	178	638020	45.433	ng	99
72) Anthracene	11.528	178	647404	45.508	ng	100
73) Carbazole	11.680	167	524221	44.971	ng	99
74) Di-n-butylphthalate	12.004	149	648275	59.614	ng	99
75) Fluoranthene	12.669	202	553461	43.923	ng	98
77) Benzidine	12.786	184	235220	49.955	ng	100
78) Pyrene	12.898	202	555523	34.937	ng	99
80) Butylbenzylphthalate	13.504	149	231337	53.256	ng	96
81) Benzo(a)anthracene	14.086	228	566535	45.523	ng	100
82) 3,3'-Dichlorobenzidine	14.045	252	124970	35.064	ng	98
83) Chrysene	14.121	228	528005	47.210	ng	99
84) Bis(2-ethylhexyl)phtha...	14.063	149	342708	51.801	ng	99
85) Di-n-octyl phthalate	14.680	149	619870	50.576	ng	99
87) Indeno(1,2,3-cd)pyrene	17.127	276	513247	32.947	ng	100
88) Benzo(b)fluoranthene	15.157	252	611261	50.727	ng	99
89) Benzo(k)fluoranthene	15.186	252	576644	49.980	ng	99
90) Benzo(a)pyrene	15.533	252	557780	49.868	ng	99
91) Dibenzo(a,h)anthracene	17.133	278	425162	34.078	ng	100
92) Benzo(g,h,i)perylene	17.586	276	383155	30.886	ng	99

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

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