Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF093025\
Data File : BF143839.D
Acq On : 30 Sep 2025 18:05
Operator : RC/JU
Sample : Q3179-02MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MS

Quant Time: Sep 30 18:27:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 24 05:00:00 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.887	152	150523	20.000	ng		0.00
21) Naphthalene-d8	8.169	136	576047	20.000	ng		0.00
39) Acenaphthene-d10	9.928	164	308449	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	524531	20.000	ng		0.00
76) Chrysene-d12	14.057	240	454958	20.000	ng		0.00
86) Perylene-d12	15.539	264	661650	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	559179	60.356	ng		0.00
7) Phenol-d6	6.498	99	438524	40.965	ng		-0.01
23) Nitrobenzene-d5	7.445	82	869610	92.406	ng		0.00
42) 2,4,6-Tribromophenol	10.716	330	588412	128.838	ng		0.00
45) 2-Fluorobiphenyl	9.245	172	1688317	85.415	ng		0.00
79) Terphenyl-d14	12.998	244	2427768	108.526	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.681	88	85748	19.337	ng		96
3) Pyridine	3.446	79	230334	19.243	ng		90
4) n-Nitrosodimethylamine	3.381	42	113206	18.861	ng		81
6) Aniline	6.545	93	404468	26.033	ng		99
8) 2-Chlorophenol	6.669	128	363871	38.364	ng		98
9) Benzaldehyde	6.434	77	282636	30.150	ng		97
10) Phenol	6.516	94	214211	17.216	ng		97
11) bis(2-Chloroethyl)ether	6.616	93	438144	44.922	ng		100
12) 1,3-Dichlorobenzene	6.828	146	441405	40.083	ng		99
13) 1,4-Dichlorobenzene	6.904	146	449539	40.905	ng		99
14) 1,2-Dichlorobenzene	7.057	146	437501	42.033	ng		99
15) Benzyl Alcohol	7.022	79	284429	36.772	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	901229	38.967	ng		96
17) 2-Methylphenol	7.134	107	252915	34.443	ng		99
18) Hexachloroethane	7.398	117	150885	39.040	ng		96
19) n-Nitroso-di-n-propyla...	7.298	70	331627	48.176	ng		89
20) 3+4-Methylphenols	7.287	107	275152	30.770	ng	#	53
22) Acetophenone	7.292	105	654994	51.769	ng		93
24) Nitrobenzene	7.469	77	493463	47.307	ng		96
25) Isophorone	7.704	82	921018	50.223	ng		99
26) 2-Nitrophenol	7.781	139	223709	51.999	ng		95
27) 2,4-Dimethylphenol	7.816	122	384384	46.895	ng		99
28) bis(2-Chloroethoxy)met...	7.916	93	571543	47.971	ng		100
29) 2,4-Dichlorophenol	8.022	162	366701	45.467	ng		100
30) 1,2,4-Trichlorobenzene	8.110	180	389162	46.495	ng		99
31) Naphthalene	8.192	128	1211262	43.924	ng		100
32) Benzoic acid	7.892	122	93818	23.723	ng		95
33) 4-Chloroaniline	8.234	127	290186	29.945	ng		99
34) Hexachlorobutadiene	8.310	225	271159	43.458	ng		100
35) Caprolactam	8.598	113	24243	11.760	ng	#	90
36) 4-Chloro-3-methylphenol	8.710	107	341433	45.138	ng		99
37) 2-Methylnaphthalene	8.881	142	762835	43.383	ng		99
38) 1-Methylnaphthalene	8.981	142	777318	46.185	ng		98
40) 1,2,4,5-Tetrachloroben...	9.051	216	468983	50.382	ng		99
41) Hexachlorocyclopentadiene	9.034	237	659206	111.741	ng		99
43) 2,4,6-Trichlorophenol	9.157	196	297887	51.108	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	301093	49.387	ng		99
46) 1,1'-Biphenyl	9.345	154	1120524	50.185	ng		99
47) 2-Chloronaphthalene	9.369	162	818200	45.524	ng		99
48) 2-Nitroaniline	9.463	65	329095	60.584	ng		100
49) Acenaphthylene	9.786	152	1335351	53.971	ng		100
50) Dimethylphthalate	9.645	163	971315	51.666	ng		100
51) 2,6-Dinitrotoluene	9.710	165	209259	67.747	ng		92
52) Acenaphthene	9.963	154	832944	51.157	ng		99
53) 3-Nitroaniline	9.875	138	153465	40.989	ng		97
54) 2,4-Dinitrophenol	9.981	184	180940	110.555	ng	#	23
55) Dibenzofuran	10.133	168	1121195	48.697	ng		99
56) 4-Nitrophenol	10.028	139	114085	37.813	ng		91
57) 2,4-Dinitrotoluene	10.110	165	282053	60.698	ng		95
58) Fluorene	10.475	166	860723	50.286	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.245	232	322978	61.840	ng		95
60) Diethylphthalate	10.345	149	913166	51.889	ng		99
61) 4-Chlorophenyl-phenyle...	10.469	204	443846	50.892	ng		94
62) 4-Nitroaniline	10.492	138	210711	59.854	ng		95
63) Azobenzene	10.628	77	940116	50.688	ng		96
65) 4,6-Dinitro-2-methylph...	10.516	198	128497	61.799	ng		86
66) n-Nitrosodiphenylamine	10.586	169	842925	48.865	ng		99
67) 4-Bromophenyl-phenylether	10.957	248	476173	53.270	ng		96
68) Hexachlorobenzene	11.022	284	672756	54.613	ng		98
69) Atrazine	11.110	200	265604	53.170	ng		98
70) Pentachlorophenol	11.216	266	704887	114.953	ng		100
71) Phenanthrene	11.439	178	1278544	47.478	ng		99
72) Anthracene	11.492	178	1307493	48.404	ng		100
73) Carbazole	11.645	167	1128457	47.781	ng		100
74) Di-n-butylphthalate	11.975	149	1314339	48.389	ng		99
75) Fluoranthene	12.627	202	1301831	48.065	ng		99
77) Benzidine	12.751	184	255230	23.022	ng		99
78) Pyrene	12.857	202	1303227	58.264	ng		99
80) Butylbenzylphthalate	13.474	149	420988	54.401	ng		98
81) Benzo(a)anthracene	14.045	228	1251024	51.185	ng		99
82) 3,3'-Dichlorobenzidine	14.010	252	417555	39.435	ng		100
83) Chrysene	14.086	228	1062486	48.042	ng		99
84) Bis(2-ethylhexyl)phtha...	14.033	149	501367	44.200	ng		99
85) Di-n-octyl phthalate	14.651	149	806850	39.214	ng	#	94
87) Indeno(1,2,3-cd)pyrene	17.039	276	2624823	52.285	ng		98
88) Benzo(b)fluoranthene	15.104	252	1864727	55.342	ng		100
89) Benzo(k)fluoranthene	15.133	252	1471424	43.467	ng		99
90) Benzo(a)pyrene	15.474	252	1646318	51.980	ng		99
91) Dibenzo(a,h)anthracene	17.057	278	2157767	52.551	ng		99
92) Benzo(g,h,i)perylene	17.492	276	2161490	54.609	ng		98

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

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