Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072525\
Data File : BF143248.D
Acq On : 25 Jul 2025 13:41
Operator : RC/JU
Sample : PB169004BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB169004BS

Quant Time: Jul 25 14:02:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	111797	20.000	ng		0.00
21) Naphthalene-d8	8.245	136	432303	20.000	ng		0.00
39) Acenaphthene-d10	10.004	164	228591	20.000	ng		0.00
64) Phenanthrene-d10	11.492	188	387322	20.000	ng		0.00
76) Chrysene-d12	14.133	240	224147	20.000	ng		0.01
86) Perylene-d12	15.633	264	220726	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.604	112	771672	109.229	ng		0.02
7) Phenol-d6	6.592	99	982876	110.531	ng		0.00
23) Nitrobenzene-d5	7.522	82	703753	81.147	ng		0.00
42) 2,4,6-Tribromophenol	10.792	330	303786	128.643	ng		0.00
45) 2-Fluorobiphenyl	9.322	172	1271514	76.073	ng		0.00
79) Terphenyl-d14	13.074	244	1223131	81.203	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.910	88	115275	34.484	ng		99
3) Pyridine	3.657	79	319635	36.839	ng		98
4) n-Nitrosodimethylamine	3.604	42	187553	41.867	ng		97
6) Aniline	6.622	93	363057	29.295	ng	#	86
8) 2-Chlorophenol	6.751	128	326337	44.068	ng		97
9) Benzaldehyde	6.510	77	209334	31.394	ng		96
10) Phenol	6.610	94	412018	42.532	ng		87
11) bis(2-Chloroethyl)ether	6.692	93	314903	42.456	ng		99
12) 1,3-Dichlorobenzene	6.904	146	341336	42.431	ng		100
13) 1,4-Dichlorobenzene	6.981	146	348341	42.998	ng		99
14) 1,2-Dichlorobenzene	7.134	146	335255	43.510	ng		100
15) Benzyl Alcohol	7.098	79	305193	44.949	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.234	45	580046	42.157	ng		98
17) 2-Methylphenol	7.210	107	275297	44.214	ng		98
18) Hexachloroethane	7.481	117	124784	44.493	ng		98
19) n-Nitroso-di-n-propyla...	7.375	70	241266	42.290	ng		99
20) 3+4-Methylphenols	7.363	107	327688	43.377	ng	#	80
22) Acetophenone	7.369	105	441280	43.115	ng		96
24) Nitrobenzene	7.539	77	362076	44.781	ng		98
25) Isophorone	7.781	82	675697	44.134	ng		98
26) 2-Nitrophenol	7.857	139	174916	49.846	ng		98
27) 2,4-Dimethylphenol	7.892	122	307577	43.000	ng		99
28) bis(2-Chloroethoxy)met...	7.987	93	398396	43.401	ng		100
29) 2,4-Dichlorophenol	8.098	162	273404	45.323	ng		99
30) 1,2,4-Trichlorobenzene	8.187	180	289741	44.459	ng		100
31) Naphthalene	8.269	128	932577	43.803	ng		100
32) Benzoic acid	8.010	122	170904	43.018	ng		99
33) 4-Chloroaniline	8.304	127	142652	16.409	ng		99
34) Hexachlorobutadiene	8.386	225	181454	45.579	ng		100
35) Caprolactam	8.681	113	91004m	49.924	ng		
36) 4-Chloro-3-methylphenol	8.792	107	302421	46.125	ng		98
37) 2-Methylnaphthalene	8.957	142	584229	45.095	ng		100
38) 1-Methylnaphthalene	9.057	142	595793	44.659	ng		99
40) 1,2,4,5-Tetrachloroben...	9.128	216	289806	43.912	ng		99
41) Hexachlorocyclopentadiene	9.116	237	390867	91.022	ng		99
43) 2,4,6-Trichlorophenol	9.233	196	205024	44.887	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	206299	45.153	ng		98
46) 1,1'-Biphenyl	9.422	154	797069	44.692	ng		100
47) 2-Chloronaphthalene	9.445	162	575700	43.626	ng		99
48) 2-Nitroaniline	9.533	65	196377	47.453	ng		98
49) Acenaphthylene	9.863	152	987120	44.636	ng		100
50) Dimethylphthalate	9.722	163	692815	46.497	ng		99
51) 2,6-Dinitrotoluene	9.781	165	150622	49.692	ng		96
52) Acenaphthene	10.039	154	641599	49.086	ng		99
53) 3-Nitroaniline	9.945	138	92113	25.981	ng		99
54) 2,4-Dinitrophenol	10.057	184	155854	110.663	ng	#	1
55) Dibenzofuran	10.210	168	852771	43.943	ng		100
56) 4-Nitrophenol	10.110	139	238760	90.183	ng		97
57) 2,4-Dinitrotoluene	10.186	165	201499	52.986	ng		94
58) Fluorene	10.551	166	658616	45.220	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.328	232	174724	46.166	ng		99
60) Diethylphthalate	10.422	149	696747	47.310	ng		100
61) 4-Chlorophenyl-phenyle...	10.539	204	331871	45.760	ng		98
62) 4-Nitroaniline	10.563	138	150646	49.577	ng		97
63) Azobenzene	10.698	77	681083	44.372	ng		99
65) 4,6-Dinitro-2-methylph...	10.592	198	105562	51.539	ng		99
66) n-Nitrosodiphenylamine	10.657	169	586723	43.019	ng		99
67) 4-Bromophenyl-phenylether	11.033	248	207418	44.936	ng		99
68) Hexachlorobenzene	11.104	284	214218	44.402	ng		100
69) Atrazine	11.180	200	187877	49.966	ng		99
70) Pentachlorophenol	11.298	266	243119	85.689	ng		99
71) Phenanthrene	11.516	178	906241	44.066	ng		100
72) Anthracene	11.569	178	927155	44.204	ng		100
73) Carbazole	11.716	167	832040	45.430	ng		100
74) Di-n-butylphthalate	12.045	149	1032214	49.809	ng		100
75) Fluoranthene	12.704	202	907955	48.100	ng		99
77) Benzidine	12.816	184	352363	40.803	ng		99
78) Pyrene	12.933	202	898645	46.976	ng		100
80) Butylbenzylphthalate	13.545	149	359293	61.336	ng		96
81) Benzo(a)anthracene	14.121	228	687297	45.799	ng		100
82) 3,3'-Dichlorobenzidine	14.074	252	79367	15.868	ng		100
83) Chrysene	14.157	228	607969	45.060	ng		100
84) Bis(2-ethylhexyl)phtha...	14.104	149	467541	52.732	ng		99
85) Di-n-octyl phthalate	14.721	149	726075	45.178	ng		99
87) Indeno(1,2,3-cd)pyrene	17.186	276	731319	46.987	ng		97
88) Benzo(b)fluoranthene	15.192	252	591097	43.836	ng		99
89) Benzo(k)fluoranthene	15.221	252	596130	49.542	ng		99
90) Benzo(a)pyrene	15.574	252	583600	46.975	ng		99
91) Dibenzo(a,h)anthracene	17.204	278	598885	47.275	ng		98
92) Benzo(g,h,i)perylene	17.656	276	587344	47.929	ng		98

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

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