Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071825\
Data File : BF143159.D
Acq On : 18 Jul 2025 11:24
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Jul 18 11:50:35 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	158986	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	609943	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	308568	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	484154	20.000	ng	0.00
76) Chrysene-d12	14.121	240	288972	20.000	ng	0.00
86) Perylene-d12	15.621	264	331263	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	778233	77.461	ng	0.00
7) Phenol-d6	6.581	99	991026	78.369	ng	0.00
23) Nitrobenzene-d5	7.522	82	1001726	81.865	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	244627	76.741	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1694866	75.119	ng	0.00
79) Terphenyl-d14	13.063	244	1409765	72.598	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.805	88	189776	39.920	ng	99
3) Pyridine	3.575	79	493326	39.981	ng	97
4) n-Nitrosodimethylamine	3.522	42	251829	39.530	ng	98
6) Aniline	6.622	93	694602	39.412	ng	100
8) 2-Chlorophenol	6.745	128	415970	39.499	ng	99
9) Benzaldehyde	6.510	77	418013	44.083	ng	97
10) Phenol	6.598	94	544726m	39.541	ng	
11) bis(2-Chloroethyl)ether	6.692	93	419746	39.794	ng	100
12) 1,3-Dichlorobenzene	6.904	146	447626	39.128	ng	100
13) 1,4-Dichlorobenzene	6.981	146	449558	39.021	ng	100
14) 1,2-Dichlorobenzene	7.134	146	432823	39.500	ng	98
15) Benzyl Alcohol	7.098	79	379636	39.318	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.234	45	779314	39.828	ng	100
17) 2-Methylphenol	7.204	107	346501	39.132	ng	99
18) Hexachloroethane	7.481	117	158665	39.782	ng	100
19) n-Nitroso-di-n-propyla...	7.375	70	313487	38.640	ng	99
20) 3+4-Methylphenols	7.357	107	429153	39.947	ng	97
22) Acetophenone	7.369	105	556574	38.543	ng	98
24) Nitrobenzene	7.539	77	459039	40.238	ng	98
25) Isophorone	7.781	82	846892	39.206	ng	99
26) 2-Nitrophenol	7.857	139	203329	41.068	ng	100
27) 2,4-Dimethylphenol	7.887	122	393950	39.035	ng	100
28) bis(2-Chloroethoxy)met...	7.987	93	504354	38.942	ng	99
29) 2,4-Dichlorophenol	8.092	162	333406	39.173	ng	99
30) 1,2,4-Trichlorobenzene	8.187	180	360548	39.212	ng	99
31) Naphthalene	8.269	128	1162476	38.699	ng	100
32) Benzoic acid	7.987	122	207123	37.681	ng	96
33) 4-Chloroaniline	8.304	127	472144	38.494	ng	99
34) Hexachlorobutadiene	8.386	225	221836	39.494	ng	99
35) Caprolactam	8.675	113	102297	39.775	ng	97
36) 4-Chloro-3-methylphenol	8.781	107	361586	39.087	ng	99
37) 2-Methylnaphthalene	8.957	142	701400	38.372	ng	100
38) 1-Methylnaphthalene	9.057	142	727247	38.636	ng	99
40) 1,2,4,5-Tetrachloroben...	9.122	216	347715	39.031	ng	99
41) Hexachlorocyclopentadiene	9.116	237	232191	40.056	ng	98
43) 2,4,6-Trichlorophenol	9.228	196	238377	38.663	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.263	196	245550	39.814	ng		98
46) 1,1'-Biphenyl	9.422	154	922458	38.317	ng		99
47) 2-Chloronaphthalene	9.445	162	693644	38.940	ng		100
48) 2-Nitroaniline	9.528	65	228667	40.934	ng		97
49) Acenaphthylene	9.863	152	1148448	38.471	ng		100
50) Dimethylphthalate	9.716	163	773127	38.438	ng		100
51) 2,6-Dinitrotoluene	9.775	165	166618	40.722	ng		99
52) Acenaphthene	10.033	154	673791	38.188	ng		99
53) 3-Nitroaniline	9.939	138	188626	39.413	ng		99
54) 2,4-Dinitrophenol	10.039	184	62679	37.648	ng	#	1
55) Dibenzofuran	10.204	168	1006197	38.410	ng		100
56) 4-Nitrophenol	10.086	139	136499	38.194	ng		100
57) 2,4-Dinitrotoluene	10.175	165	206647	40.255	ng		97
58) Fluorene	10.545	166	742445	37.763	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.316	232	200053	39.158	ng		100
60) Diethylphthalate	10.416	149	772963	38.881	ng		100
61) 4-Chlorophenyl-phenyle...	10.539	204	368853	37.677	ng		100
62) 4-Nitroaniline	10.551	138	160962	39.243	ng		99
63) Azobenzene	10.698	77	801032	38.661	ng		99
65) 4,6-Dinitro-2-methylph...	10.580	198	94155	38.326	ng		95
66) n-Nitrosodiphenylamine	10.651	169	664562	38.980	ng		100
67) 4-Bromophenyl-phenylether	11.028	248	228802	39.655	ng		98
68) Hexachlorobenzene	11.098	284	235254	39.010	ng		99
69) Atrazine	11.175	200	188190	40.039	ng		100
70) Pentachlorophenol	11.286	266	145757	41.098	ng		98
71) Phenanthrene	11.510	178	975972	37.965	ng		100
72) Anthracene	11.563	178	1010485	38.541	ng		100
73) Carbazole	11.710	167	882163	38.533	ng		100
74) Di-n-butylphthalate	12.039	149	1019612	39.361	ng		100
75) Fluoranthene	12.692	202	915546	38.801	ng		99
77) Benzidine	12.810	184	438982	39.430	ng		99
78) Pyrene	12.921	202	902645	36.600	ng		100
80) Butylbenzylphthalate	13.539	149	297533	39.398	ng		97
81) Benzo(a)anthracene	14.110	228	740974	38.300	ng		100
82) 3,3'-Dichlorobenzidine	14.068	252	252484	39.157	ng		99
83) Chrysene	14.145	228	685795	39.426	ng		99
84) Bis(2-ethylhexyl)phtha...	14.098	149	456161	39.907	ng		100
85) Di-n-octyl phthalate	14.715	149	798316	38.530	ng		99
87) Indeno(1,2,3-cd)pyrene	17.157	276	924864	39.594	ng		99
88) Benzo(b)fluoranthene	15.174	252	774544	38.273	ng		98
89) Benzo(k)fluoranthene	15.210	252	710438	39.341	ng		100
90) Benzo(a)pyrene	15.557	252	733915	39.362	ng		100
91) Dibenzo(a,h)anthracene	17.174	278	758585	39.900	ng		100
92) Benzo(g,h,i)perylene	17.621	276	736996	40.073	ng		100

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

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