Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025455.D
Acq On : 18 Aug 2025 10:39
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 18 12:42:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli

08/19/2025
Supervised By :Jagrut Upadhyay

08/19/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.778	152	129439	20.000	ng	-0.02
21) Naphthalene-d8	10.548	136	550485	20.000	ng	-0.01
39) Acenaphthene-d10	14.401	164	359982	20.000	ng	0.00
64) Phenanthrene-d10	17.189	188	707933	20.000	ng	#-0.01
76) Chrysene-d12	21.630	240	748424	20.000	ng	-0.02
86) Perylene-d12	25.000	264	846697	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.396	112	639171	82.005	ng	-0.01
7) Phenol-d6	6.954	99	823098	82.368	ng	-0.01
23) Nitrobenzene-d5	8.925	82	876756	80.567	ng	-0.01
42) 2,4,6-Tribromophenol	15.901	330	388835	80.248	ng	-0.01
45) 2-Fluorobiphenyl	13.013	172	2068879	78.546	ng	0.00
79) Terphenyl-d14	19.918	244	3246131	79.354	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.325	88	122604	40.159	ng	98
3) Pyridine	3.719	79	334213	39.995	ng	96
4) n-Nitrosodimethylamine	3.625	42	143491	41.651	ng	98
6) Aniline	7.113	93	542872	40.321	ng	98
8) 2-Chlorophenol	7.354	128	357467	40.642	ng	99
9) Benzaldehyde	6.931	77	337420m	48.195	ng	
10) Phenol	6.978	94	428619	40.877	ng	96
11) bis(2-Chloroethyl)ether	7.207	93	332888	40.731	ng	97
12) 1,3-Dichlorobenzene	7.672	146	385845	39.784	ng	99
13) 1,4-Dichlorobenzene	7.813	146	394145	39.761	ng	98
14) 1,2-Dichlorobenzene	8.125	146	387260	40.357	ng	98
15) Benzyl Alcohol	8.007	79	319069	40.185	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.295	45	456910	41.734	ng	98
17) 2-Methylphenol	8.213	107	298449	40.981	ng	98
18) Hexachloroethane	8.854	117	149211	40.939	ng	97
19) n-Nitroso-di-n-propyla...	8.578	70	269300	40.685	ng	100
20) 3+4-Methylphenols	8.537	107	408076	40.425	ng	99
22) Acetophenone	8.589	105	551135	39.923	ng	98
24) Nitrobenzene	8.960	77	393372	40.447	ng	98
25) Isophorone	9.484	82	754224	39.163	ng	99
26) 2-Nitrophenol	9.672	139	201676	40.406	ng	99
27) 2,4-Dimethylphenol	9.725	122	338805	39.471	ng	98
28) bis(2-Chloroethoxy)met...	9.960	93	467674	40.173	ng	98
29) 2,4-Dichlorophenol	10.195	162	348762	40.902	ng	97
30) 1,2,4-Trichlorobenzene	10.413	180	367355	39.301	ng	99
31) Naphthalene	10.601	128	1130138	39.499	ng	99
32) Benzoic acid	9.854	122	300714	47.454	ng	97
33) 4-Chloroaniline	10.701	127	504246	39.898	ng	99
34) Hexachlorobutadiene	10.884	225	228134	39.190	ng	98
35) Caprolactam	11.489	113	124504	39.821	ng	99
36) 4-Chloro-3-methylphenol	11.831	107	399336	40.814	ng	99
37) 2-Methylnaphthalene	12.213	142	735528	39.503	ng	99
38) 1-Methylnaphthalene	12.425	142	777947	39.288	ng	99
40) 1,2,4,5-Tetrachloroben...	12.578	216	409880	39.424	ng	99
41) Hexachlorocyclopentadiene	12.560	237	344743	54.895	ng	97
43) 2,4,6-Trichlorophenol	12.819	196	293126	41.762	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.889	196	319297	41.507	ng	99
46) 1,1'-Biphenyl	13.225	154	1049348	40.137	ng	99
47) 2-Chloronaphthalene	13.266	162	806752	39.638	ng	100
48) 2-Nitroaniline	13.454	65	253588	42.761	ng	95
49) Acenaphthylene	14.113	152	1342750	39.870	ng	98
50) Dimethylphthalate	13.848	163	1048563	39.777	ng	99
51) 2,6-Dinitrotoluene	13.966	165	229491	41.304	ng	94
52) Acenaphthene	14.460	154	783467m	39.632	ng	
53) 3-Nitroaniline	14.301	138	257397	41.176	ng	99
54) 2,4-Dinitrophenol	14.501	184	119955	40.428	ng	99
55) Dibenzofuran	14.801	168	1236093	39.550	ng	99
56) 4-Nitrophenol	14.607	139	208534	40.596	ng	92
57) 2,4-Dinitrotoluene	14.760	165	323986	40.870	ng	99
58) Fluorene	15.460	166	970073	39.335	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.036	232	284196	41.840	ng	99
60) Diethylphthalate	15.236	149	1079798	40.313	ng	99
61) 4-Chlorophenyl-phenyle...	15.460	204	477262	38.912	ng	98
62) 4-Nitroaniline	15.477	138	262587	40.974	ng	97
63) Azobenzene	15.754	77	955133	41.644	ng	99
65) 4,6-Dinitro-2-methylph...	15.530	198	163748	37.107	ng	89
66) n-Nitrosodiphenylamine	15.671	169	881828	40.848	ng	99
67) 4-Bromophenyl-phenylether	16.366	248	316740	40.681	ng	96
68) Hexachlorobenzene	16.489	284	357689	39.631	ng	98
69) Atrazine	16.642	200	329195	40.719	ng	98
70) Pentachlorophenol	16.836	266	218464	38.345	ng	97
71) Phenanthrene	17.236	178	1592132	40.940	ng	99
72) Anthracene	17.330	178	1611288	40.573	ng	100
73) Carbazole	17.607	167	1513389	40.458	ng	99
74) Di-n-butylphthalate	18.207	149	1888886	41.042	ng	100
75) Fluoranthene	19.312	202	1875973	40.441	ng	99
77) Benzidine	19.512	184	1101599	43.129	ng	99
78) Pyrene	19.689	202	1960510	40.302	ng	99
80) Butylbenzylphthalate	20.648	149	886026	40.189	ng	98
81) Benzo(a)anthracene	21.612	228	1979219	40.099	ng	100
82) 3,3'-Dichlorobenzidine	21.530	252	733316	39.416	ng	99
83) Chrysene	21.677	228	1891222	40.914	ng	99
84) Bis(2-ethylhexyl)phtha...	21.559	149	1316742	40.573	ng	99
85) Di-n-octyl phthalate	22.842	149	2229136	39.933	ng	98
87) Indeno(1,2,3-cd)pyrene	28.818	276	2456533	39.562	ng	95
88) Benzo(b)fluoranthene	23.924	252	2052802	41.116	ng	100
89) Benzo(k)fluoranthene	24.006	252	2023948	40.510	ng	99
90) Benzo(a)pyrene	24.842	252	1950603	40.136	ng	99
91) Dibenzo(a,h)anthracene	28.900	278	2024887	39.905	ng	100
92) Benzo(g,h,i)perylene	30.000	276	1983435	39.764	ng	98

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

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