Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025403.D
Acq On : 14 Aug 2025 20:51
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 15 01:37:52 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 :
SSTDCCC040EC

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.790	152	143656	20.000	ng	0.00
21) Naphthalene-d8	10.560	136	631599	20.000	ng	0.00
39) Acenaphthene-d10	14.395	164	420815	20.000	ng	-0.01
64) Phenanthrene-d10	17.195	188	861562	20.000	ng	0.00
76) Chrysene-d12	21.654	240	877131	20.000	ng	0.00
86) Perylene-d12	25.018	264	1001441	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	753228	87.075	ng	0.00
7) Phenol-d6	6.966	99	998308	90.015	ng	0.00
23) Nitrobenzene-d5	8.931	82	1081597	86.626	ng	0.00
42) 2,4,6-Tribromophenol	15.913	330	505840	89.305	ng	0.00
45) 2-Fluorobiphenyl	13.019	172	2575898	83.658	ng	0.00
79) Terphenyl-d14	19.925	244	4003165	83.500	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.337	88	141496	41.760	ng	99
3) Pyridine	3.731	79	395457	42.641	ng	99
4) n-Nitrosodimethylamine	3.637	42	168336	44.027	ng	98
6) Aniline	7.125	93	668458	44.735	ng	100
8) 2-Chlorophenol	7.366	128	430913	44.144	ng	99
9) Benzaldehyde	6.943	77	374459	48.192	ng	99
10) Phenol	6.996	94	522320	44.883	ng	99
11) bis(2-Chloroethyl)ether	7.219	93	399198	44.011	ng	100
12) 1,3-Dichlorobenzene	7.684	146	463334	43.046	ng	99
13) 1,4-Dichlorobenzene	7.825	146	472656	42.962	ng	99
14) 1,2-Dichlorobenzene	8.143	146	455279	42.750	ng	98
15) Benzyl Alcohol	8.025	79	397334	45.090	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.308	45	533952	43.944	ng	99
17) 2-Methylphenol	8.225	107	370890	45.888	ng	98
18) Hexachloroethane	8.866	117	173722	42.947	ng	99
19) n-Nitroso-di-n-propyla...	8.590	70	329539	44.859	ng	99
20) 3+4-Methylphenols	8.549	107	509960	45.518	ng	96
22) Acetophenone	8.602	105	676089	42.684	ng	100
24) Nitrobenzene	8.972	77	479956	43.012	ng	98
25) Isophorone	9.496	82	954875	43.214	ng	99
26) 2-Nitrophenol	9.678	139	253040	44.186	ng	96
27) 2,4-Dimethylphenol	9.737	122	432058	43.871	ng	100
28) bis(2-Chloroethoxy)met...	9.972	93	566435	42.408	ng	98
29) 2,4-Dichlorophenol	10.213	162	426329	43.578	ng	99
30) 1,2,4-Trichlorobenzene	10.425	180	448415	41.812	ng	98
31) Naphthalene	10.613	128	1391503	42.388	ng	100
32) Benzoic acid	9.878	122	321598	44.232	ng	99
33) 4-Chloroaniline	10.707	127	635837	43.849	ng	99
34) Hexachlorobutadiene	10.902	225	277933	41.613	ng	98
35) Caprolactam	11.496	113	159139	44.362	ng	96
36) 4-Chloro-3-methylphenol	11.831	107	501026	44.631	ng	97
37) 2-Methylnaphthalene	12.219	142	909696	42.582	ng	99
38) 1-Methylnaphthalene	12.437	142	972063	42.786	ng	99
40) 1,2,4,5-Tetrachloroben...	12.584	216	517974	42.619	ng	99
41) Hexachlorocyclopentadiene	12.566	237	331437	45.147	ng	98
43) 2,4,6-Trichlorophenol	12.825	196	364316	44.402	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.896	196	398216	44.283	ng	99
46) 1,1'-Biphenyl	13.231	154	1324483	43.338	ng	99
47) 2-Chloronaphthalene	13.272	162	1028320	43.221	ng	99
48) 2-Nitroaniline	13.466	65	314525	45.370	ng	100
49) Acenaphthylene	14.119	152	1728273	43.899	ng	100
50) Dimethylphthalate	13.854	163	1346941	43.709	ng	100
51) 2,6-Dinitrotoluene	13.966	165	294644	45.364	ng	98
52) Acenaphthene	14.466	154	984150	42.587	ng	99
53) 3-Nitroaniline	14.295	138	327806	44.858	ng	99
54) 2,4-Dinitrophenol	14.507	184	167222	48.211	ng	96
55) Dibenzofuran	14.801	168	1580372	43.256	ng	99
56) 4-Nitrophenol	14.613	139	270955	45.122	ng	99
57) 2,4-Dinitrotoluene	14.760	165	425555	45.922	ng	99
58) Fluorene	15.460	166	1228185	42.602	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.031	232	352921	44.447	ng	99
60) Diethylphthalate	15.243	149	1365325	43.604	ng	99
61) 4-Chlorophenyl-phenyle...	15.454	204	608316	42.427	ng	97
62) 4-Nitroaniline	15.472	138	337032	44.988	ng	99
63) Azobenzene	15.754	77	1178128	43.941	ng	99
65) 4,6-Dinitro-2-methylph...	15.537	198	243710	45.379	ng	97
66) n-Nitrosodiphenylamine	15.678	169	1111834	42.319	ng	99
67) 4-Bromophenyl-phenylether	16.372	248	403225	42.554	ng	96
68) Hexachlorobenzene	16.489	284	463895	42.233	ng	97
69) Atrazine	16.654	200	424688	43.163	ng	98
70) Pentachlorophenol	16.837	266	308191	44.448	ng	98
71) Phenanthrene	17.242	178	2002433	42.309	ng	100
72) Anthracene	17.342	178	2069708	42.823	ng	100
73) Carbazole	17.613	167	1948636	42.804	ng	100
74) Di-n-butylphthalate	18.213	149	2382369	42.535	ng	100
75) Fluoranthene	19.325	202	2383806	42.225	ng	99
77) Benzidine	19.525	184	1470206	49.114	ng	99
78) Pyrene	19.701	202	2474163	43.398	ng	100
80) Butylbenzylphthalate	20.660	149	1119526	43.329	ng	99
81) Benzo(a)anthracene	21.630	228	2512405	43.432	ng	100
82) 3,3'-Dichlorobenzidine	21.548	252	936326	42.943	ng	99
83) Chrysene	21.701	228	2331047	43.029	ng	99
84) Bis(2-ethylhexyl)phtha...	21.572	149	1605733	42.217	ng	100
85) Di-n-octyl phthalate	22.866	149	2788155	42.618	ng	100
87) Indeno(1,2,3-cd)pyrene	28.836	276	3181604m	43.322	ng	
88) Benzo(b)fluoranthene	23.942	252	2555118	43.269	ng	99
89) Benzo(k)fluoranthene	24.013	252	2547012	43.102	ng	100
90) Benzo(a)pyrene	24.854	252	2500332	43.497	ng	99
91) Dibenzo(a,h)anthracene	28.948	278	2591787	43.184	ng	98
92) Benzo(g,h,i)perylene	30.024	276	2529115	42.869	ng	99

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

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