Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
Data File : BP025504.D
Acq On : 20 Aug 2025 12:05
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 20 12:36:50 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
08/21/2025
Supervised By :mohammad ahmed
08/22/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.790	152	139623	20.000	ng	0.00
21) Naphthalene-d8	10.554	136	581296	20.000	ng	0.00
39) Acenaphthene-d10	14.413	164	378797	20.000	ng	0.00
64) Phenanthrene-d10	17.207	188	772509	20.000	ng	0.00
76) Chrysene-d12	21.654	240	835452	20.000	ng	0.00
86) Perylene-d12	25.024	264	944565	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.402	112	686821	81.692	ng	0.00
7) Phenol-d6	6.966	99	871666	80.866	ng	0.00
23) Nitrobenzene-d5	8.931	82	944843	82.222	ng	0.00
42) 2,4,6-Tribromophenol	15.913	330	404636	79.362	ng	0.00
45) 2-Fluorobiphenyl	13.019	172	2173375	78.415	ng	0.00
79) Terphenyl-d14	19.930	244	3474144	76.081	ng	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.331	88	135788	41.233	ng	98
3) Pyridine	3.725	79	362706	40.239	ng	92
4) n-Nitrosodimethylamine	3.631	42	166982	44.935	ng	91
6) Aniline	7.119	93	587625	40.461	ng	99
8) 2-Chlorophenol	7.360	128	382467	40.313	ng	99
9) Benzaldehyde	6.937	77	315180	41.735	ng	98
10) Phenol	6.990	94	458002	40.493	ng	95
11) bis(2-Chloroethyl)ether	7.213	93	353421	40.090	ng	97
12) 1,3-Dichlorobenzene	7.678	146	422942	40.428	ng	98
13) 1,4-Dichlorobenzene	7.825	146	427541	39.984	ng	99
14) 1,2-Dichlorobenzene	8.137	146	415878	40.178	ng	99
15) Benzyl Alcohol	8.019	79	345263	40.312	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.307	45	497897	42.160	ng	97
17) 2-Methylphenol	8.225	107	318088	40.492	ng	99
18) Hexachloroethane	8.860	117	161500	41.078	ng	98
19) n-Nitroso-di-n-propyla...	8.584	70	285690	40.013	ng	96
20) 3+4-Methylphenols	8.549	107	430255	39.513	ng	96
22) Acetophenone	8.596	105	575956	39.509	ng	96
24) Nitrobenzene	8.972	77	424158	41.301	ng	99
25) Isophorone	9.496	82	811401	39.898	ng	98
26) 2-Nitrophenol	9.672	139	213269	40.464	ng	97
27) 2,4-Dimethylphenol	9.737	122	365576	40.333	ng	94
28) bis(2-Chloroethoxy)met...	9.966	93	494948	40.262	ng	100
29) 2,4-Dichlorophenol	10.207	162	361501	40.149	ng	97
30) 1,2,4-Trichlorobenzene	10.425	180	395332	40.052	ng	99
31) Naphthalene	10.607	128	1198484	39.668	ng	99
32) Benzoic acid	9.878	122	283682m	42.393	ng	
33) 4-Chloroaniline	10.713	127	538130	40.322	ng	99
34) Hexachlorobutadiene	10.896	225	244927	39.845	ng	97
35) Caprolactam	11.490	113	128006	38.771	ng	98
36) 4-Chloro-3-methylphenol	11.837	107	422029	40.847	ng	97
37) 2-Methylnaphthalene	12.213	142	775634	39.449	ng	99
38) 1-Methylnaphthalene	12.431	142	815267	38.990	ng	99
40) 1,2,4,5-Tetrachloroben...	12.584	216	440065	40.225	ng	98
41) Hexachlorocyclopentadiene	12.566	237	269997	40.858	ng	99
43) 2,4,6-Trichlorophenol	12.825	196	302691	40.983	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.895	196	336253	41.540	ng	100
46) 1,1'-Biphenyl	13.225	154	1095488	39.821	ng	99
47) 2-Chloronaphthalene	13.266	162	858202	40.072	ng	99
48) 2-Nitroaniline	13.466	65	268114	42.965	ng	96
49) Acenaphthylene	14.131	152	1398503	39.463	ng	100
50) Dimethylphthalate	13.854	163	1100268	39.665	ng	100
51) 2,6-Dinitrotoluene	13.966	165	243129	41.585	ng	92
52) Acenaphthene	14.478	154	808513	38.868	ng	98
53) 3-Nitroaniline	14.301	138	270650	41.145	ng	93
54) 2,4-Dinitrophenol	14.513	184	129228	41.390	ng	90
55) Dibenzofuran	14.813	168	1283331	39.022	ng	98
56) 4-Nitrophenol	14.619	139	222184	41.105	ng	92
57) 2,4-Dinitrotoluene	14.772	165	348903	41.827	ng	97
58) Fluorene	15.472	166	1002029	38.613	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.042	232	291986	40.852	ng	98
60) Diethylphthalate	15.237	149	1121135	39.777	ng	100
61) 4-Chlorophenyl-phenyle...	15.466	204	495427	38.387	ng	95
62) 4-Nitroaniline	15.484	138	270903	40.172	ng	93
63) Azobenzene	15.766	77	1011893	41.928	ng	98
65) 4,6-Dinitro-2-methylph...	15.548	198	196334	40.772	ng	98
66) n-Nitrosodiphenylamine	15.678	169	928454	39.413	ng	99
67) 4-Bromophenyl-phenylether	16.372	248	329242	38.752	ng	94
68) Hexachlorobenzene	16.495	284	378988	38.481	ng	96
69) Atrazine	16.654	200	346899	39.322	ng	98
70) Pentachlorophenol	16.848	266	257951	41.491	ng	97
71) Phenanthrene	17.254	178	1629818	38.406	ng	99
72) Anthracene	17.336	178	1684379	38.868	ng	100
73) Carbazole	17.625	167	1609917	39.440	ng	99
74) Di-n-butylphthalate	18.219	149	2065074	41.120	ng	100
75) Fluoranthene	19.330	202	2022851	39.962	ng	99
77) Benzidine	19.525	184	970019	34.021	ng	100
78) Pyrene	19.707	202	2067058	38.066	ng	99
80) Butylbenzylphthalate	20.660	149	997433	40.529	ng	98
81) Benzo(a)anthracene	21.636	228	2172374	39.427	ng	99
82) 3,3'-Dichlorobenzidine	21.548	252	812240	39.110	ng	99
83) Chrysene	21.701	228	2055603	39.838	ng	99
84) Bis(2-ethylhexyl)phtha...	21.572	149	1493608	41.229	ng	99
85) Di-n-octyl phthalate	22.854	149	2604749	41.801	ng	98
87) Indeno(1,2,3-cd)pyrene	28.859	276	2687791	38.801	ng	99
88) Benzo(b)fluoranthene	23.954	252	2226649	39.977	ng	99
89) Benzo(k)fluoranthene	24.030	252	2195150	39.385	ng	99
90) Benzo(a)pyrene	24.871	252	2139072	39.453	ng	99
91) Dibenzo(a,h)anthracene	28.930	278	2202707	38.911	ng	98
92) Benzo(g,h,i)perylene	30.018	276	2163083	38.873	ng	100

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

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