Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080525\
Data File : BP025299.D
Acq On : 05 Aug 2025 12:44
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 06 05:59:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 05:56:10 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.802	152	160859	20.000	ng		0.00
21) Naphthalene-d8	10.572	136	694615	20.000	ng		0.00
39) Acenaphthene-d10	14.407	164	469306	20.000	ng		-0.01
64) Phenanthrene-d10	17.207	188	965802	20.000	ng		-0.02
76) Chrysene-d12	21.660	240	1018856	20.000	ng		0.00
86) Perylene-d12	25.036	264	1088697	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.402	112	100387	9.973	ng		0.00
7) Phenol-d6	6.955	99	127649	9.613	ng		-0.01
23) Nitrobenzene-d5	8.931	82	112678	8.777	ng		-0.01
42) 2,4,6-Tribromophenol	15.919	330	40199	8.296	ng		0.00
45) 2-Fluorobiphenyl	13.025	172	363946	10.769	ng		0.00
79) Terphenyl-d14	19.930	244	580916	10.771	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.337	88	21535	5.456	ng		94
3) Pyridine	3.725	79	55019	5.017	ng		97
6) Aniline	7.125	93	87740	4.856	ng		98
8) 2-Chlorophenol	7.366	128	50305	4.595	ng		98
10) Phenol	6.984	94	68139	4.838	ng		99
11) bis(2-Chloroethyl)ether	7.225	93	55859	5.062	ng		99
12) 1,3-Dichlorobenzene	7.696	146	63992	5.202	ng		98
13) 1,4-Dichlorobenzene	7.837	146	64858	5.212	ng		99
14) 1,2-Dichlorobenzene	8.149	146	62802	5.209	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.319	45	91371	5.242	ng		97
17) 2-Methylphenol	8.219	107	43943	4.663	ng		99
18) Hexachloroethane	8.872	117	22659	5.091	ng		99
19) n-Nitroso-di-n-propyla...	8.590	70	44357	5.129	ng		95
22) Acetophenone	8.602	105	91026	5.220	ng	#	99
24) Nitrobenzene	8.972	77	54037	4.553	ng		95
25) Isophorone	9.502	82	126178	5.056	ng		100
26) 2-Nitrophenol	9.684	139	14308	6.196	ng		96
27) 2,4-Dimethylphenol	9.743	122	65928	5.730	ng		98
28) bis(2-Chloroethoxy)met...	9.978	93	79327	5.225	ng		99
29) 2,4-Dichlorophenol	10.213	162	43275	4.296	ng		97
30) 1,2,4-Trichlorobenzene	10.431	180	56908	5.120	ng		95
31) Naphthalene	10.619	128	189737	5.262	ng		98
33) 4-Chloroaniline	10.713	127	77884	4.856	ng		97
34) Hexachlorobutadiene	10.913	225	33118	5.191	ng		96
36) 4-Chloro-3-methylphenol	11.825	107	53910	4.625	ng		96
37) 2-Methylnaphthalene	12.225	142	120994	5.184	ng		98
38) 1-Methylnaphthalene	12.443	142	128838	5.290	ng		97
40) 1,2,4,5-Tetrachloroben...	12.590	216	64686	5.049	ng		99
43) 2,4,6-Trichlorophenol	12.831	196	32753	3.957	ng		98
44) 2,4,5-Trichlorophenol	12.895	196	36376	3.918	ng		98
46) 1,1'-Biphenyl	13.237	154	178122	5.150	ng		99
47) 2-Chloronaphthalene	13.278	162	133568	5.062	ng		98
48) 2-Nitroaniline	13.466	65	21912	5.624	ng		98
49) Acenaphthylene	14.125	152	218072	4.955	ng		99
50) Dimethylphthalate	13.860	163	178572	5.220	ng		100
51) 2,6-Dinitrotoluene	13.972	165	20906	3.313	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
52) Acenaphthene	14.472	154	136584	5.088	ng		99
53) 3-Nitroaniline	14.295	138	25435	3.445	ng	#	96
55) Dibenzofuran	14.813	168	211708	5.277	ng		100
57) 2,4-Dinitrotoluene	14.760	165	24944	5.632	ng	#	93
58) Fluorene	15.472	166	175964	5.584	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.037	232	30755m	3.942	ng		
60) Diethylphthalate	15.248	149	178152	5.165	ng		100
61) 4-Chlorophenyl-phenyle...	15.466	204	84717	5.671	ng		98
62) 4-Nitroaniline	15.466	138	26612	3.637	ng		93
63) Azobenzene	15.766	77	165659	5.170	ng		97
66) n-Nitrosodiphenylamine	15.684	169	146252	4.973	ng		98
67) 4-Bromophenyl-phenylether	16.384	248	48376	4.978	ng		89
68) Hexachlorobenzene	16.495	284	56081	5.143	ng		97
69) Atrazine	16.660	200	48622	4.702	ng		99
71) Phenanthrene	17.254	178	280407	5.301	ng		99
72) Anthracene	17.348	178	266474	4.996	ng		99
73) Carbazole	17.619	167	256385	5.008	ng		99
74) Di-n-butylphthalate	18.225	149	289176	4.669	ng		99
75) Fluoranthene	19.336	202	318877	5.207	ng		99
78) Pyrene	19.713	202	336486	4.966	ng		100
80) Butylbenzylphthalate	20.677	149	101682	3.701	ng		100
81) Benzo(a)anthracene	21.636	228	342927	5.065	ng		99
83) Chrysene	21.707	228	320171	5.098	ng		100
84) Bis(2-ethylhexyl)phtha...	21.607	149	187300	4.269	ng		100
87) Indeno(1,2,3-cd)pyrene	28.865	276	373927m	4.785	ng		
88) Benzo(b)fluoranthene	23.960	252	321726	4.937	ng		99
89) Benzo(k)fluoranthene	24.030	252	324095	5.016	ng		99
90) Benzo(a)pyrene	24.860	252	303778	4.840	ng		99
91) Dibenzo(a,h)anthracene	28.959	278	308846	4.833	ng		99
92) Benzo(g,h,i)perylene	30.042	276	306565	4.886	ng		98

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

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