Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082825\
Data File : BP025610.D
Acq On : 28 Aug 2025 13:47
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Aug 28 15:13:18 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.766	152	183485	20.000	ng	-0.03
21) Naphthalene-d8	10.537	136	745987	20.000	ng	-0.02
39) Acenaphthene-d10	14.390	164	469650	20.000	ng	-0.02
64) Phenanthrene-d10	17.190	188	958822	20.000	ng	-0.01
76) Chrysene-d12	21.630	240	1042194	20.000	ng	-0.02
86) Perylene-d12	25.001	264	1211877	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.396	112	910699	82.426	ng	-0.01
7) Phenol-d6	6.961	99	1147195	80.986	ng	0.00
23) Nitrobenzene-d5	8.908	82	1206240	81.795	ng	-0.03
42) 2,4,6-Tribromophenol	15.901	330	537776	85.071	ng	-0.01
45) 2-Fluorobiphenyl	12.996	172	2712273	78.927	ng	-0.02
79) Terphenyl-d14	19.913	244	4385326	76.984	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.320	88	178736	41.300	ng	98
3) Pyridine	3.720	79	478885	40.428	ng	96
4) n-Nitrosodimethylamine	3.626	42	213729	43.766	ng	100
6) Aniline	7.102	93	760667	39.856	ng	99
8) 2-Chlorophenol	7.349	128	502958	40.340	ng	97
9) Benzaldehyde	6.925	77	484155	48.784	ng	97
10) Phenol	6.984	94	594528	39.998	ng	97
11) bis(2-Chloroethyl)ether	7.196	93	465586	40.188	ng	98
12) 1,3-Dichlorobenzene	7.661	146	557883	40.579	ng	98
13) 1,4-Dichlorobenzene	7.802	146	556784	39.623	ng	100
14) 1,2-Dichlorobenzene	8.119	146	536971	39.476	ng	98
15) Benzyl Alcohol	8.008	79	441935	39.265	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.284	45	627635	40.441	ng	98
17) 2-Methylphenol	8.214	107	405933	39.322	ng	99
18) Hexachloroethane	8.837	117	205056	39.689	ng	97
19) n-Nitroso-di-n-propyla...	8.561	70	361704	38.549	ng	96
20) 3+4-Methylphenols	8.537	107	549306	38.387	ng	98
22) Acetophenone	8.578	105	745805	39.866	ng	99
24) Nitrobenzene	8.955	77	539715	40.951	ng	99
25) Isophorone	9.478	82	1027166	39.357	ng	99
26) 2-Nitrophenol	9.655	139	276931	40.943	ng	98
27) 2,4-Dimethylphenol	9.719	122	457922	39.368	ng	98
28) bis(2-Chloroethoxy)met...	9.943	93	615324	39.004	ng	99
29) 2,4-Dichlorophenol	10.196	162	458411	39.672	ng	99
30) 1,2,4-Trichlorobenzene	10.402	180	497144	39.248	ng	98
31) Naphthalene	10.584	128	1525242	39.338	ng	100
32) Benzoic acid	9.878	122	332221	38.686	ng	97
33) 4-Chloroaniline	10.690	127	668144	39.011	ng	99
34) Hexachlorobutadiene	10.872	225	313563	39.749	ng	100
35) Caprolactam	11.484	113	168067	39.666	ng	99
36) 4-Chloro-3-methylphenol	11.825	107	524389	39.550	ng	96
37) 2-Methylnaphthalene	12.196	142	965731	38.273	ng	99
38) 1-Methylnaphthalene	12.413	142	1019990	38.012	ng	100
40) 1,2,4,5-Tetrachloroben...	12.566	216	556879	41.056	ng	99
41) Hexachlorocyclopentadiene	12.549	237	303367	37.027	ng	100
43) 2,4,6-Trichlorophenol	12.807	196	372680	40.698	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.896	196	406824	40.536	ng	97
46) 1,1'-Biphenyl	13.213	154	1375019	40.313	ng	98
47) 2-Chloronaphthalene	13.254	162	1057285	39.818	ng	100
48) 2-Nitroaniline	13.454	65	333172	43.062	ng	98
49) Acenaphthylene	14.101	152	1780517	40.523	ng	99
50) Dimethylphthalate	13.843	163	1385570	40.288	ng	100
51) 2,6-Dinitrotoluene	13.960	165	302567	41.740	ng	99
52) Acenaphthene	14.448	154	1010649	39.186	ng	99
53) 3-Nitroaniline	14.296	138	338405	41.493	ng	93
54) 2,4-Dinitrophenol	14.501	184	190888	49.311	ng	99
55) Dibenzofuran	14.790	168	1628513	39.938	ng	99
56) 4-Nitrophenol	14.637	139	253831	37.875	ng	96
57) 2,4-Dinitrotoluene	14.754	165	442812	42.816	ng	98
58) Fluorene	15.454	166	1279261	39.760	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.031	232	364088	41.086	ng	99
60) Diethylphthalate	15.219	149	1421164	40.668	ng	99
61) 4-Chlorophenyl-phenyle...	15.448	204	622684	38.914	ng	97
62) 4-Nitroaniline	15.472	138	354608	42.413	ng	99
63) Azobenzene	15.748	77	1218980	40.738	ng	98
65) 4,6-Dinitro-2-methylph...	15.537	198	272455	45.585	ng	96
66) n-Nitrosodiphenylamine	15.666	169	1159909	39.671	ng	100
67) 4-Bromophenyl-phenylether	16.366	248	412438	39.111	ng	99
68) Hexachlorobenzene	16.484	284	483960	39.591	ng	99
69) Atrazine	16.648	200	438850	40.078	ng	99
70) Pentachlorophenol	16.837	266	319691	41.429	ng	99
71) Phenanthrene	17.237	178	2100005	39.870	ng	99
72) Anthracene	17.331	178	2159970	40.157	ng	100
73) Carbazole	17.607	167	2025424	39.978	ng	99
74) Di-n-butylphthalate	18.201	149	2495716	40.038	ng	99
75) Fluoranthene	19.325	202	2504150	39.857	ng	99
77) Benzidine	19.519	184	1346134	37.847	ng	99
78) Pyrene	19.695	202	2570780	37.951	ng	100
80) Butylbenzylphthalate	20.642	149	1201977	39.152	ng	99
81) Benzo(a)anthracene	21.613	228	2717637	39.539	ng	99
82) 3,3'-Dichlorobenzidine	21.536	252	1001330	38.651	ng	99
83) Chrysene	21.683	228	2543526	39.515	ng	99
84) Bis(2-ethylhexyl)phtha...	21.554	149	1715283	37.955	ng	99
85) Di-n-octyl phthalate	22.842	149	3038039	39.083	ng	99
87) Indeno(1,2,3-cd)pyrene	28.848	276	3494926	39.324	ng	99
88) Benzo(b)fluoranthene	23.942	252	2764649	38.688	ng	99
89) Benzo(k)fluoranthene	24.007	252	2764739	38.663	ng	99
90) Benzo(a)pyrene	24.848	252	2719695	39.098	ng	99
91) Dibenzo(a,h)anthracene	28.918	278	2854289	39.300	ng	98
92) Benzo(g,h,i)perylene	30.042	276	2766763	38.754	ng	99

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

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