Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
Data File : BP024162.D
Acq On : 12 Mar 2025 17:38
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Quant Time: Mar 13 04:06:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 04:01:12 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.769	152	350891	20.000	ng		0.00
21) Naphthalene-d8	10.546	136	1459823	20.000	ng		0.00
39) Acenaphthene-d10	14.404	164	878356	20.000	ng		0.00
64) Phenanthrene-d10	17.210	188	1659965	20.000	ng		0.00
76) Chrysene-d12	21.680	240	1774754	20.000	ng		0.02
86) Perylene-d12	25.074	264	1895165	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.381	112	419093	18.636	ng		0.00
7) Phenol-d6	6.946	99	554588	19.188	ng		0.00
23) Nitrobenzene-d5	8.916	82	493399	18.856	ng		0.00
42) 2,4,6-Tribromophenol	15.916	330	195393	18.161	ng		0.00
45) 2-Fluorobiphenyl	13.010	172	1192744	18.984	ng		0.00
79) Terphenyl-d14	19.939	244	1726609	19.251	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.323	88	87630	9.934	ng		99
3) Pyridine	3.723	79	222685	9.709	ng		99
4) n-Nitrosodimethylamine	3.623	42	76580	9.413	ng	#	93
6) Aniline	7.105	93	268532	10.145	ng		99
8) 2-Chlorophenol	7.340	128	229815	9.655	ng		99
9) Benzaldehyde	6.922	77	166528	12.620	ng		99
10) Phenol	6.975	94	286246	9.849	ng		99
11) bis(2-Chloroethyl)ether	7.199	93	231087	10.095	ng		98
12) 1,3-Dichlorobenzene	7.658	146	254039	9.715	ng		99
13) 1,4-Dichlorobenzene	7.805	146	258553	9.777	ng		100
14) 1,2-Dichlorobenzene	8.122	146	250124	9.856	ng		100
15) Benzyl Alcohol	8.005	79	169563	9.584	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.293	45	239855	10.794	ng		99
17) 2-Methylphenol	8.211	107	174913	9.876	ng		99
18) Hexachloroethane	8.840	117	89894	9.439	ng		98
19) n-Nitroso-di-n-propyla...	8.563	70	167789	10.797	ng		98
20) 3+4-Methylphenols	8.534	107	238685	9.906	ng		97
22) Acetophenone	8.581	105	357738	9.536	ng	#	99
24) Nitrobenzene	8.958	77	245585	9.536	ng		96
25) Isophorone	9.481	82	410357	9.590	ng		100
26) 2-Nitrophenol	9.669	139	103123	8.692	ng		98
27) 2,4-Dimethylphenol	9.728	122	144292	9.265	ng		99
28) bis(2-Chloroethoxy)met...	9.957	93	304956	9.838	ng		99
29) 2,4-Dichlorophenol	10.199	162	192263	9.046	ng		99
30) 1,2,4-Trichlorobenzene	10.410	180	227800	9.355	ng		98
31) Naphthalene	10.599	128	756826	9.642	ng		99
32) Benzoic acid	9.816	122	108330	7.587	ng		94
33) 4-Chloroaniline	10.705	127	260033	9.404	ng		98
34) Hexachlorobutadiene	10.887	225	130104	9.224	ng		98
35) Caprolactam	11.481	113	57479	8.931	ng		96
36) 4-Chloro-3-methylphenol	11.840	107	206744	9.462	ng		98
37) 2-Methylnaphthalene	12.210	142	498967	9.564	ng		99
38) 1-Methylnaphthalene	12.434	142	491304	9.680	ng		100
40) 1,2,4,5-Tetrachloroben...	12.581	216	246009	9.116	ng		100
41) Hexachlorocyclopentadiene	12.557	237	82803	8.245	ng		100
43) 2,4,6-Trichlorophenol	12.822	196	142353	8.649	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.904	196	159135	8.841	ng		98
46) 1,1'-Biphenyl	13.228	154	647980	9.494	ng		99
47) 2-Chloronaphthalene	13.269	162	483199	9.365	ng		98
48) 2-Nitroaniline	13.475	65	110660	9.079	ng		94
49) Acenaphthylene	14.122	152	714937	9.405	ng		99
50) Dimethylphthalate	13.857	163	592520	9.563	ng		100
51) 2,6-Dinitrotoluene	13.975	165	116661	9.243	ng		95
52) Acenaphthene	14.469	154	463749	9.473	ng		99
53) 3-Nitroaniline	14.304	138	121229	9.001	ng		90
54) 2,4-Dinitrophenol	14.516	184	47409	7.053	ng		94
55) Dibenzofuran	14.810	168	769059	9.671	ng		99
56) 4-Nitrophenol	14.634	139	95936	8.246	ng		92
57) 2,4-Dinitrotoluene	14.775	165	146673	8.946	ng		93
58) Fluorene	15.475	166	589720	9.495	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.045	232	141666	9.071	ng		99
60) Diethylphthalate	15.240	149	586933	9.543	ng		100
61) 4-Chlorophenyl-phenyle...	15.463	204	289728	9.478	ng		99
62) 4-Nitroaniline	15.487	138	128152	9.169	ng		99
63) Azobenzene	15.763	77	549569	9.535	ng		97
65) 4,6-Dinitro-2-methylph...	15.545	198	70717	7.361	ng		92
66) n-Nitrosodiphenylamine	15.687	169	484111	9.352	ng		98
67) 4-Bromophenyl-phenylether	16.381	248	171620	9.207	ng		97
68) Hexachlorobenzene	16.492	284	206475	9.414	ng		98
69) Atrazine	16.663	200	142226	10.706	ng		99
70) Pentachlorophenol	16.857	266	116455	8.175	ng		100
71) Phenanthrene	17.257	178	878834	9.391	ng		99
72) Anthracene	17.351	178	839953	9.366	ng		99
73) Carbazole	17.634	167	809266	9.471	ng		99
74) Di-n-butylphthalate	18.228	149	930693	9.335	ng		99
75) Fluoranthene	19.351	202	1012600	9.566	ng		98
77) Benzidine	19.545	184	176282	8.151	ng		99
78) Pyrene	19.722	202	1056004	9.367	ng		99
80) Butylbenzylphthalate	20.675	149	390890	9.049	ng		99
81) Benzo(a)anthracene	21.657	228	1059397	9.520	ng		99
82) 3,3'-Dichlorobenzidine	21.569	252	327195	9.409	ng		99
83) Chrysene	21.727	228	1028579	9.585	ng		98
84) Bis(2-ethylhexyl)phtha...	21.592	149	601388	9.181	ng		99
85) Di-n-octyl phthalate	22.904	149	916941	8.757	ng		99
87) Indeno(1,2,3-cd)pyrene	28.951	276	1221650	9.061	ng	#	93
88) Benzo(b)fluoranthene	24.004	252	1057737	8.789	ng		99
89) Benzo(k)fluoranthene	24.074	252	1076560	9.190	ng		99
90) Benzo(a)pyrene	24.927	252	908542	8.896	ng		99
91) Dibenzo(a,h)anthracene	29.021	278	1026140	9.052	ng		99
92) Benzo(g,h,i)perylene	30.145	276	1049241	9.121	ng		99

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

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