Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
Data File : BP024167.D
Acq On : 12 Mar 2025 21:02
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Quant Time: Mar 13 04:10:45 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	364999	20.000	ng		0.00
21) Naphthalene-d8	10.551	136	1468727	20.000	ng		0.00
39) Acenaphthene-d10	14.404	164	888748	20.000	ng		0.00
64) Phenanthrene-d10	17.210	188	1690241	20.000	ng		0.00
76) Chrysene-d12	21.674	240	1785678	20.000	ng		0.02
86) Perylene-d12	25.080	264	1974592	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.381	112	3803317	162.591	ng		0.00
7) Phenol-d6	6.957	99	5104893	169.796	ng		0.00
23) Nitrobenzene-d5	8.922	82	4314346	163.878	ng		0.00
42) 2,4,6-Tribromophenol	15.922	330	2025211	186.035	ng		0.00
45) 2-Fluorobiphenyl	13.016	172	9471932	148.993	ng		0.00
79) Terphenyl-d14	19.939	244	13193577	146.201	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.317	88	719424	78.401	ng		99
3) Pyridine	3.716	79	2086180m	87.444	ng		
4) n-Nitrosodimethylamine	3.622	42	672598	79.479	ng		98
6) Aniline	7.110	93	2112268	76.717	ng		98
8) 2-Chlorophenol	7.346	128	2039550	82.376	ng		99
9) Benzaldehyde	6.922	77	842969	61.412	ng		98
10) Phenol	6.987	94	2556863	84.573	ng		99
11) bis(2-Chloroethyl)ether	7.199	93	1979282	83.121	ng		100
12) 1,3-Dichlorobenzene	7.663	146	2110081	77.577	ng		99
13) 1,4-Dichlorobenzene	7.810	146	2159502	78.507	ng		99
14) 1,2-Dichlorobenzene	8.122	146	2060216	78.042	ng		99
15) Benzyl Alcohol	8.010	79	1663098	90.370	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.299	45	1950889	84.398	ng		99
17) 2-Methylphenol	8.216	107	1619006	87.877	ng		99
18) Hexachloroethane	8.846	117	773060	78.037	ng		97
19) n-Nitroso-di-n-propyla...	8.575	70	1455297	90.027	ng		99
20) 3+4-Methylphenols	8.546	107	2240243	89.384	ng		98
22) Acetophenone	8.587	105	3007941	79.697	ng	#	99
24) Nitrobenzene	8.969	77	2118548	81.768	ng		98
25) Isophorone	9.493	82	3813082	88.570	ng		98
26) 2-Nitrophenol	9.669	139	1129770	94.646	ng		97
27) 2,4-Dimethylphenol	9.734	122	1361694	86.904	ng		99
28) bis(2-Chloroethoxy)met...	9.963	93	2576867	82.625	ng		100
29) 2,4-Dichlorophenol	10.204	162	1875825	87.724	ng		99
30) 1,2,4-Trichlorobenzene	10.416	180	1946046	79.431	ng		99
31) Naphthalene	10.604	128	6278869	79.507	ng		100
33) 4-Chloroaniline	10.716	127	2336710	83.990	ng		99
34) Hexachlorobutadiene	10.887	225	1124081	79.213	ng		99
35) Caprolactam	11.528	113	654999	101.156	ng		97
36) 4-Chloro-3-methylphenol	11.845	107	2042687	92.924	ng		99
37) 2-Methylnaphthalene	12.210	142	4316966	82.244	ng		99
38) 1-Methylnaphthalene	12.434	142	4227550	82.791	ng		99
40) 1,2,4,5-Tetrachloroben...	12.581	216	2120251	77.644	ng		100
41) Hexachlorocyclopentadiene	12.563	237	788854	77.633	ng		99
43) 2,4,6-Trichlorophenol	12.822	196	1443797	86.697	ng		99
44) 2,4,5-Trichlorophenol	12.904	196	1575527	86.506	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.228	154	5406424	78.284	ng		99
47) 2-Chloronaphthalene	13.269	162	4094698	78.432	ng		100
48) 2-Nitroaniline	13.475	65	1150637	93.303	ng		98
49) Acenaphthylene	14.122	152	6343598	82.473	ng		99
50) Dimethylphthalate	13.857	163	5115780	81.603	ng		100
51) 2,6-Dinitrotoluene	13.975	165	1146015	89.740	ng		97
52) Acenaphthene	14.469	154	3985981	80.473	ng		99
53) 3-Nitroaniline	14.310	138	1277036	93.713	ng		98
55) Dibenzofuran	14.810	168	6287848	78.144	ng		99
56) 4-Nitrophenol	14.639	139	1110260	94.320	ng		99
57) 2,4-Dinitrotoluene	14.775	165	1584658	95.524	ng		97
58) Fluorene	15.469	166	4983161	79.298	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.045	232	1371535	86.797	ng		100
60) Diethylphthalate	15.245	149	5221159	83.898	ng		98
61) 4-Chlorophenyl-phenyle...	15.463	204	2453010	79.305	ng		99
62) 4-Nitroaniline	15.498	138	1346814	95.238	ng		95
63) Azobenzene	15.763	77	4851665	83.196	ng		99
65) 4,6-Dinitro-2-methylph...	15.557	198	924643	94.517	ng		97
66) n-Nitrosodiphenylamine	15.686	169	4231796	80.285	ng		99
67) 4-Bromophenyl-phenylether	16.381	248	1565037	82.455	ng		94
68) Hexachlorobenzene	16.498	284	1841149	82.437	ng		99
70) Pentachlorophenol	16.851	266	1334567	92.003	ng		100
71) Phenanthrene	17.251	178	7450840	78.188	ng		99
72) Anthracene	17.345	178	7420971	81.264	ng		99
73) Carbazole	17.628	167	7209600	82.862	ng		98
74) Di-n-butylphthalate	18.216	149	8819030	86.868	ng		99
75) Fluoranthene	19.339	202	8868502	82.280	ng		99
77) Benzidine	19.533	184	1583965	72.794	ng		100
78) Pyrene	19.722	202	9100075	80.230	ng		99
80) Butylbenzylphthalate	20.669	149	4117551	94.735	ng		97
81) Benzo(a)anthracene	21.657	228	9075269	81.050	ng		98
82) 3,3'-Dichlorobenzidine	21.574	252	3216378	91.925	ng		99
83) Chrysene	21.721	228	8635685	79.981	ng		99
84) Bis(2-ethylhexyl)phtha...	21.592	149	6077881	92.215	ng	#	98
85) Di-n-octyl phthalate	22.898	149	10239008	97.189	ng		100
87) Indeno(1,2,3-cd)pyrene	28.962	276	11842118	84.301	ng		100
88) Benzo(b)fluoranthene	24.004	252	9984031	79.623	ng		98
89) Benzo(k)fluoranthene	24.080	252	9728938	79.712	ng		98
90) Benzo(a)pyrene	24.921	252	8860063	83.259	ng		99
91) Dibenzo(a,h)anthracene	29.039	278	9828241	83.210	ng		98
92) Benzo(g,h,i)perylene	30.180	276	9940803	82.940	ng		98

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

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