Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
Data File : BP024161.D
Acq On : 12 Mar 2025 16:57
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Quant Time: Mar 13 04:05:39 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	318045	20.000	ng		0.00
21) Naphthalene-d8	10.552	136	1309940	20.000	ng		0.00
39) Acenaphthene-d10	14.410	164	799469	20.000	ng		0.00
64) Phenanthrene-d10	17.222	188	1516956	20.000	ng		0.02
76) Chrysene-d12	21.669	240	1578855	20.000	ng		0.01
86) Perylene-d12	25.080	264	1694453	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.381	112	184089	9.032	ng		0.00
7) Phenol-d6	6.952	99	241350	9.213	ng		0.00
23) Nitrobenzene-d5	8.916	82	216074	9.202	ng		0.00
42) 2,4,6-Tribromophenol	15.934	330	81159	8.288	ng		0.02
45) 2-Fluorobiphenyl	13.016	172	545120	9.532	ng		0.00
79) Terphenyl-d14	19.951	244	763023	9.563	ng		0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.323	88	40006	5.003	ng		97
3) Pyridine	3.723	79	103023	4.956	ng		97
4) n-Nitrosodimethylamine	3.628	42	35306	4.788	ng	#	92
6) Aniline	7.105	93	119908	4.998	ng		100
8) 2-Chlorophenol	7.340	128	99927	4.632	ng		98
9) Benzaldehyde	6.922	77	77223m	6.456	ng		
10) Phenol	6.975	94	125574	4.767	ng		98
11) bis(2-Chloroethyl)ether	7.199	93	102214	4.926	ng		98
12) 1,3-Dichlorobenzene	7.664	146	116531	4.917	ng		100
13) 1,4-Dichlorobenzene	7.805	146	119798	4.998	ng		99
14) 1,2-Dichlorobenzene	8.122	146	114960	4.998	ng		99
15) Benzyl Alcohol	8.011	79	74252	4.630	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.287	45	109209	5.422	ng		98
17) 2-Methylphenol	8.216	107	74107	4.616	ng		96
18) Hexachloroethane	8.846	117	42376	4.909	ng		96
19) n-Nitroso-di-n-propyla...	8.569	70	72383	5.139	ng		98
20) 3+4-Methylphenols	8.540	107	100588	4.606	ng		98
22) Acetophenone	8.587	105	158185	4.699	ng	#	99
24) Nitrobenzene	8.958	77	108086	4.677	ng		96
25) Isophorone	9.487	82	174338	4.540	ng		100
26) 2-Nitrophenol	9.669	139	41305	3.880	ng		98
27) 2,4-Dimethylphenol	9.734	122	60843	4.354	ng		96
28) bis(2-Chloroethoxy)met...	9.957	93	135529	4.872	ng		99
29) 2,4-Dichlorophenol	10.205	162	77653	4.072	ng		99
30) 1,2,4-Trichlorobenzene	10.416	180	101518	4.646	ng		99
31) Naphthalene	10.599	128	340918	4.840	ng		99
33) 4-Chloroaniline	10.710	127	112776	4.545	ng		98
34) Hexachlorobutadiene	10.887	225	58080	4.589	ng		97
35) Caprolactam	11.475	113	23432	4.057	ng		95
36) 4-Chloro-3-methylphenol	11.840	107	85333	4.352	ng		99
37) 2-Methylnaphthalene	12.216	142	225485	4.817	ng		100
38) 1-Methylnaphthalene	12.434	142	220784	4.848	ng		99
40) 1,2,4,5-Tetrachloroben...	12.587	216	109528	4.459	ng		99
41) Hexachlorocyclopentadiene	12.569	237	33755	3.693	ng		100
43) 2,4,6-Trichlorophenol	12.822	196	58172	3.883	ng		98
44) 2,4,5-Trichlorophenol	12.904	196	66250	4.044	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.234	154	293289	4.721	ng	98
47) 2-Chloronaphthalene	13.275	162	221413	4.715	ng	98
48) 2-Nitroaniline	13.475	65	45667	4.117	ng	88
49) Acenaphthylene	14.128	152	316902	4.580	ng	99
50) Dimethylphthalate	13.857	163	270053	4.789	ng	100
51) 2,6-Dinitrotoluene	13.975	165	49593	4.317	ng	97
52) Acenaphthene	14.475	154	211290	4.742	ng	99
53) 3-Nitroaniline	14.310	138	50611	4.129	ng	99
55) Dibenzofuran	14.822	168	351651	4.858	ng	100
56) 4-Nitrophenol	14.645	139	37281	3.521	ng	93
57) 2,4-Dinitrotoluene	14.775	165	58882	3.946	ng	90
58) Fluorene	15.481	166	261676	4.629	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.045	232	63120	4.441	ng	98
60) Diethylphthalate	15.251	149	259242	4.631	ng	98
61) 4-Chlorophenyl-phenyle...	15.481	204	131441	4.724	ng	99
62) 4-Nitroaniline	15.498	138	49239	3.871	ng	95
63) Azobenzene	15.775	77	242768	4.628	ng	97
66) n-Nitrosodiphenylamine	15.692	169	213927	4.522	ng	99
67) 4-Bromophenyl-phenylether	16.392	248	78309	4.597	ng	93
68) Hexachlorobenzene	16.510	284	94130	4.696	ng	98
69) Atrazine	16.669	200	62551	5.152	ng	98
70) Pentachlorophenol	16.869	266	45885	3.525	ng	99
71) Phenanthrene	17.263	178	404881	4.734	ng	99
72) Anthracene	17.357	178	376601	4.595	ng	99
73) Carbazole	17.634	167	349000	4.469	ng	99
74) Di-n-butylphthalate	18.234	149	389057	4.270	ng	99
75) Fluoranthene	19.351	202	444670	4.597	ng	97
77) Benzidine	19.545	184	87777	4.562	ng	98
78) Pyrene	19.722	202	464704	4.634	ng	99
80) Butylbenzylphthalate	20.675	149	157601	4.101	ng	99
81) Benzo(a)anthracene	21.651	228	471347	4.761	ng	99
82) 3,3'-Dichlorobenzidine	21.580	252	134146	4.336	ng	99
83) Chrysene	21.722	228	467600	4.898	ng	99
84) Bis(2-ethylhexyl)phtha...	21.598	149	242048	4.153	ng	99
85) Di-n-octyl phthalate	22.898	149	363786	3.905	ng	98
87) Indeno(1,2,3-cd)pyrene	28.945	276	539523	4.476	ng	97
88) Benzo(b)fluoranthene	24.004	252	467406	4.344	ng	99
89) Benzo(k)fluoranthene	24.069	252	462653	4.417	ng	99
90) Benzo(a)pyrene	24.910	252	403692	4.421	ng	99
91) Dibenzo(a,h)anthracene	29.015	278	450461	4.444	ng	98
92) Benzo(g,h,i)perylene	30.133	276	464721	4.518	ng	99

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

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