Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121324\
Data File : BF140845.D
Acq On : 13 Dec 2024 15:44
Operator : RC/JU
Sample : P5239-04MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1MS

Quant Time: Dec 13 17:12:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.857	152	36395	20.000	ng		-0.02
21) Naphthalene-d8	8.139	136	154774	20.000	ng		-0.02
39) Acenaphthene-d10	9.892	164	77363	20.000	ng		-0.02
64) Phenanthrene-d10	11.386	188	161649	20.000	ng		-0.02
76) Chrysene-d12	14.051	240	119212	20.000	ng		0.00
86) Perylene-d12	15.574	264	102679	20.000	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	307489	144.152	ng		0.00
7) Phenol-d6	6.504	99	406998	144.326	ng		-0.01
23) Nitrobenzene-d5	7.422	82	311628	102.988	ng		-0.02
42) 2,4,6-Tribromophenol	10.692	330	163288	197.350	ng		-0.01
45) 2-Fluorobiphenyl	9.210	172	606418	116.791	ng		-0.02
79) Terphenyl-d14	12.974	244	707890	92.464	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.640	88	33033	36.832	ng		97
3) Pyridine	3.451	79	62106	31.473	ng		98
4) n-Nitrosodimethylamine	3.340	42	47731	41.156	ng		97
6) Aniline	6.528	93	41309	20.812	ng	#	3
8) 2-Chlorophenol	6.657	128	124532	54.265	ng		95
9) Benzaldehyde	6.428	77	9588	6.423	ng		97
10) Phenol	6.522	94	142104	49.343	ng		90
11) bis(2-Chloroethyl)ether	6.592	93	114228	51.832	ng		98
12) 1,3-Dichlorobenzene	6.798	146	124861	48.421	ng		97
13) 1,4-Dichlorobenzene	6.875	146	129045	49.424	ng		98
14) 1,2-Dichlorobenzene	7.028	146	128612	52.568	ng		99
15) Benzyl Alcohol	7.010	79	120529	57.634	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.128	45	155398	59.687	ng		63
17) 2-Methylphenol	7.128	107	106789	58.131	ng		93
18) Hexachloroethane	7.363	117	51800	53.119	ng		100
19) n-Nitroso-di-n-propyla...	7.269	70	106616	63.972	ng		96
20) 3+4-Methylphenols	7.281	107	154440	65.407	ng	#	76
22) Acetophenone	7.269	105	205003	54.330	ng	#	92
24) Nitrobenzene	7.445	77	147510	47.168	ng		97
25) Isophorone	7.681	82	272977	54.088	ng		99
26) 2-Nitrophenol	7.763	139	73189	52.810	ng		93
27) 2,4-Dimethylphenol	7.798	122	112831m	68.045	ng		
28) bis(2-Chloroethoxy)met...	7.886	93	162553	52.870	ng		100
29) 2,4-Dichlorophenol	8.016	162	124525	56.674	ng		97
30) 1,2,4-Trichlorobenzene	8.081	180	121217	48.318	ng		99
31) Naphthalene	8.163	128	412631	51.759	ng		100
32) Benzoic acid	7.934	122	77234	52.696	ng		97
33) 4-Chloroaniline	8.228	127	25306	10.602	ng		98
34) Hexachlorobutadiene	8.269	225	75902	45.678	ng		100
35) Caprolactam	8.581	113	29406m	43.246	ng		
36) 4-Chloro-3-methylphenol	8.710	107	121974	49.581	ng		98
37) 2-Methylnaphthalene	8.851	142	253460	50.055	ng		99
38) 1-Methylnaphthalene	8.951	142	236723	47.694	ng		99
40) 1,2,4,5-Tetrachloroben...	9.016	216	126728	55.955	ng		99
41) Hexachlorocyclopentadiene	8.998	237	49770	96.146	ng		98
43) 2,4,6-Trichlorophenol	9.139	196	83740	58.924	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	91456	59.297	ng		96
46) 1,1'-Biphenyl	9.316	154	372376	64.470	ng		99
47) 2-Chloronaphthalene	9.339	162	277866	63.489	ng		98
48) 2-Nitroaniline	9.445	65	89503	63.712	ng		96
49) Acenaphthylene	9.757	152	447121	67.615	ng		100
50) Dimethylphthalate	9.616	163	325111	63.809	ng		100
51) 2,6-Dinitrotoluene	9.686	165	70495	61.006	ng		93
52) Acenaphthene	9.928	154	242120	57.625	ng		99
53) 3-Nitroaniline	9.863	138	24727	21.879	ng		94
54) 2,4-Dinitrophenol	9.980	184	65341	106.328	ng		95
55) Dibenzofuran	10.104	168	383715	59.872	ng		99
56) 4-Nitrophenol	10.051	139	70730	91.765	ng		94
57) 2,4-Dinitrotoluene	10.098	165	93347	60.783	ng	#	93
58) Fluorene	10.445	166	342591	66.597	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.228	232	77988	65.793	ng		93
60) Diethylphthalate	10.316	149	338638	65.416	ng		99
61) 4-Chlorophenyl-phenyle...	10.433	204	166972	66.139	ng		98
62) 4-Nitroaniline	10.480	138	68199	57.536	ng		94
63) Azobenzene	10.598	77	324058	66.103	ng		98
65) 4,6-Dinitro-2-methylph...	10.510	198	55810	67.564	ng		94
66) n-Nitrosodiphenylamine	10.557	169	299193	62.588	ng		100
67) 4-Bromophenyl-phenylether	10.927	248	94842	56.971	ng		96
68) Hexachlorobenzene	10.998	284	108594	56.336	ng		99
69) Atrazine	11.086	200	79122	58.835	ng		98
70) Pentachlorophenol	11.204	266	91427	107.766	ng		99
71) Phenanthrene	11.416	178	455599	58.633	ng		99
72) Anthracene	11.463	178	470242	61.867	ng		99
73) Carbazole	11.627	167	434438	59.414	ng		99
74) Di-n-butylphthalate	11.945	149	580013	68.708	ng		99
75) Fluoranthene	12.610	202	545834	64.699	ng		100
77) Benzidine	12.751	184	11639m	3.358	ng		
78) Pyrene	12.839	202	496583	45.051	ng		99
80) Butylbenzylphthalate	13.445	149	211713	53.317	ng		98
81) Benzo(a)anthracene	14.039	228	461456	58.476	ng		100
82) 3,3'-Dichlorobenzidine	14.004	252	39702	16.757	ng		100
83) Chrysene	14.080	228	414633	57.462	ng		99
84) Bis(2-ethylhexyl)phtha...	14.010	149	310450	61.917	ng		99
85) Di-n-octyl phthalate	14.657	149	471208	68.767	ng		98
87) Indeno(1,2,3-cd)pyrene	17.098	276	391845	58.559	ng		98
88) Benzo(b)fluoranthene	15.133	252	418782	64.933	ng		99
89) Benzo(k)fluoranthene	15.162	252	336401	59.605	ng		99
90) Benzo(a)pyrene	15.510	252	326800	62.320	ng		98
91) Dibenzo(a,h)anthracene	17.104	278	329633	60.151	ng		99
92) Benzo(g,h,i)perylene	17.556	276	249781	44.667	ng		98

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

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