Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050824\
Data File : BG061144.D
Acq On : 8 May 2024 16:30
Operator : MA/JU
Sample : P2408-01MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BIN-1MS

Quant Time: May 08 17:17:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 05:11:25 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.935	152	29427	20.000	ng		-0.03
21) Naphthalene-d8	10.731	136	114687	20.000	ng		#-0.03
39) Acenaphthene-d10	14.568	164	82207	20.000	ng		-0.02
64) Phenanthrene-d10	17.318	188	183746	20.000	ng		-0.01
76) Chrysene-d12	21.583	240	185715	20.000	ng		0.00
86) Perylene-d12	24.709	264	229207	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.532	112	148705	102.772	ng		-0.01
7) Phenol-d6	7.118	99	199269	93.095	ng		-0.01
23) Nitrobenzene-d5	9.092	82	144411	62.420	ng		-0.03
42) 2,4,6-Tribromophenol	16.061	330	140189	85.316	ng		-0.01
45) 2-Fluorobiphenyl	13.187	172	351011	63.139	ng		-0.02
79) Terphenyl-d14	19.932	244	592787	53.086	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.440	88	16235	27.750	ng		94
3) Pyridine	3.834	79	47069	27.341	ng		97
4) n-Nitrosodimethylamine	3.746	42	55452	33.525	ng		99
6) Aniline	7.265	93	74819	35.259	ng	#	95
8) 2-Chlorophenol	7.506	128	77964	43.919	ng		98
9) Benzaldehyde	7.071	77	26666	20.597	ng		95
10) Phenol	7.142	94	93071	42.757	ng		97
11) bis(2-Chloroethyl)ether	7.359	93	71323	47.429	ng		99
12) 1,3-Dichlorobenzene	7.829	146	85794	40.997	ng		97
13) 1,4-Dichlorobenzene	7.976	146	86835	40.148	ng		97
14) 1,2-Dichlorobenzene	8.287	146	85365	40.909	ng		98
15) Benzyl Alcohol	8.176	79	79251	41.044	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.452	45	143006	43.826	ng		99
17) 2-Methylphenol	8.387	107	64157	41.358	ng		99
18) Hexachloroethane	9.016	117	33826	43.829	ng		85
19) n-Nitroso-di-n-propyla...	8.740	70	59292	37.014	ng		91
20) 3+4-Methylphenols	8.716	107	87468	39.082	ng		95
22) Acetophenone	8.757	105	127103	44.501	ng	#	98
24) Nitrobenzene	9.133	77	95081	42.010	ng		98
25) Isophorone	9.656	82	155068	36.260	ng		97
26) 2-Nitrophenol	9.844	139	46952	43.786	ng		99
27) 2,4-Dimethylphenol	9.915	122	58857	47.609	ng		94
28) bis(2-Chloroethoxy)met...	10.138	93	88606	42.216	ng		100
29) 2,4-Dichlorophenol	10.391	162	85831	44.311	ng		96
30) 1,2,4-Trichlorobenzene	10.596	180	103066	44.159	ng		97
31) Naphthalene	10.784	128	248635	41.714	ng		99
32) Benzoic acid	10.079	122	41949	29.353	ng		96
33) 4-Chloroaniline	10.890	127	79487	33.438	ng		99
34) Hexachlorobutadiene	11.066	225	86264	43.075	ng		95
35) Caprolactam	11.672	113	26220m	37.588	ng		
36) 4-Chloro-3-methylphenol	12.030	107	91678	39.250	ng		99
37) 2-Methylnaphthalene	12.394	142	182173	40.786	ng		98
38) 1-Methylnaphthalene	12.612	142	169409	37.675	ng		95
40) 1,2,4,5-Tetrachloroben...	12.764	216	144012	52.492	ng		99
41) Hexachlorocyclopentadiene	12.741	237	75390	71.783	ng		99
43) 2,4,6-Trichlorophenol	13.005	196	83553	47.437	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.082	196	87836	44.063	ng		94
46) 1,1'-Biphenyl	13.399	154	251049	47.628	ng		96
47) 2-Chloronaphthalene	13.446	162	192768	45.672	ng		96
48) 2-Nitroaniline	13.646	65	69150	44.151	ng		95
49) Acenaphthylene	14.292	152	306175	47.230	ng		100
50) Dimethylphthalate	14.028	163	256567	40.407	ng		99
51) 2,6-Dinitrotoluene	14.145	165	53709	39.545	ng		97
52) Acenaphthene	14.633	154	193694	47.896	ng		95
53) 3-Nitroaniline	14.474	138	43409	34.931	ng	#	94
54) 2,4-Dinitrophenol	14.692	184	43810	46.457	ng		96
55) Dibenzofuran	14.968	168	316287	46.304	ng		98
56) 4-Nitrophenol	14.803	139	75665	75.341	ng		91
57) 2,4-Dinitrotoluene	14.938	165	77509	38.574	ng	#	90
58) Fluorene	15.620	166	262006	44.327	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.203	232	83051	40.472	ng	#	96
60) Diethylphthalate	15.391	149	234687	36.652	ng		99
61) 4-Chlorophenyl-phenyle...	15.608	204	142532	40.160	ng		96
62) 4-Nitroaniline	15.637	138	47842	35.496	ng		100
63) Azobenzene	15.908	77	202950	40.716	ng		97
65) 4,6-Dinitro-2-methylph...	15.708	198	36946	32.407	ng		95
66) n-Nitrosodiphenylamine	15.826	169	217207	47.669	ng		98
67) 4-Bromophenyl-phenylether	16.507	248	102965	47.569	ng		96
68) Hexachlorobenzene	16.630	284	120753	44.821	ng		98
69) Atrazine	16.777	200	91538	48.713	ng		96
70) Pentachlorophenol	16.977	266	136223	82.303	ng		95
71) Phenanthrene	17.359	178	534306	63.595	ng		99
72) Anthracene	17.453	178	418293	49.895	ng		99
73) Carbazole	17.723	167	329171	44.657	ng		99
74) Di-n-butylphthalate	18.281	149	371610	42.398	ng		99
75) Fluoranthene	19.374	202	819670	71.214	ng		100
77) Benzidine	19.551	184	154964	44.091	ng		96
78) Pyrene	19.739	202	751221	63.625	ng		99
80) Butylbenzylphthalate	20.626	149	164635	44.050	ng		97
81) Benzo(a)anthracene	21.560	228	645271	53.097	ng		98
82) 3,3'-Dichlorobenzidine	21.478	252	151763	34.701	ng		98
83) Chrysene	21.625	228	606564	53.273	ng		98
84) Bis(2-ethylhexyl)phtha...	21.478	149	249178	51.056	ng		100
85) Di-n-octyl phthalate	22.659	149	409874	47.601	ng		96
87) Indeno(1,2,3-cd)pyrene	28.264	276	609030	40.094	ng	#	93
88) Benzo(b)fluoranthene	23.722	252	631498	49.304	ng		99
89) Benzo(k)fluoranthene	23.787	252	599658	48.666	ng		100
90) Benzo(a)pyrene	24.568	252	560782	50.255	ng		99
91) Dibenzo(a,h)anthracene	28.328	278	496932	39.503	ng	#	95
92) Benzo(g,h,i)perylene	29.368	276	441189m	35.293	ng		

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

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