Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011024\
Data File : BG060297.D
Acq On : 10 Jan 2024 12:15
Operator : MA/JU
Sample : P1067-01MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-A-COMP(0-8)MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024

Quant Time: Jan 10 12:51:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 09 04:07:12 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.929	152	240143	20.000	ng	0.00
21) Naphthalene-d8	10.737	136	1061938	20.000	ng	# 0.00
39) Acenaphthene-d10	14.568	164	693059	20.000	ng	0.00
64) Phenanthrene-d10	17.318	188	1612266	20.000	ng	0.00
76) Chrysene-d12	21.583	240	1465701	20.000	ng	0.00
86) Perylene-d12	24.750	264	1620238	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.508	112	1323425	90.644	ng	0.00
7) Phenol-d6	7.100	99	2120971	98.104	ng	0.00
23) Nitrobenzene-d5	9.092	82	1267936	56.380	ng	0.00
42) 2,4,6-Tribromophenol	16.060	330	942146	92.395	ng	0.00
45) 2-Fluorobiphenyl	13.193	172	3140385	62.998	ng	0.00
79) Terphenyl-d14	19.932	244	4451590	72.483	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.404	88	287541	43.114	ng	# 93
3) Pyridine	3.798	79	772545	41.056	ng	93
4) n-Nitrosodimethylamine	3.716	42	301429	51.185	ng	92
6) Aniline	7.259	93	635672	29.416	ng	97
8) 2-Chlorophenol	7.500	128	719147	49.701	ng	96
9) Benzaldehyde	7.065	77	149387m	12.038	ng	
10) Phenol	7.124	94	1110046	51.210	ng	99
11) bis(2-Chloroethyl)ether	7.353	93	812276	45.987	ng	97
12) 1,3-Dichlorobenzene	7.817	146	799878	44.041	ng	99
13) 1,4-Dichlorobenzene	7.970	146	819256	44.459	ng	99
14) 1,2-Dichlorobenzene	8.281	146	787850	41.579	ng	98
15) Benzyl Alcohol	8.169	79	706760	50.502	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.457	45	997055m	46.508	ng	
17) 2-Methylphenol	8.375	107	706026	47.421	ng	99
18) Hexachloroethane	9.010	117	283497	43.879	ng	96
19) n-Nitroso-di-n-propyla...	8.734	70	664680	44.422	ng	98
20) 3+4-Methylphenols	8.704	107	969707	48.307	ng	95
22) Acetophenone	8.751	105	1274154	43.649	ng	98
24) Nitrobenzene	9.139	77	925515	39.699	ng	98
25) Isophorone	9.656	82	1975891	43.750	ng	98
26) 2-Nitrophenol	9.844	139	427961	49.927	ng	97
27) 2,4-Dimethylphenol	9.903	122	686947	60.650	ng	99
28) bis(2-Chloroethoxy)met...	10.138	93	1261424	45.712	ng	98
29) 2,4-Dichlorophenol	10.379	162	935263	50.955	ng	98
30) 1,2,4-Trichlorobenzene	10.596	180	993695	43.517	ng	98
31) Naphthalene	10.784	128	2427609	43.611	ng	99
32) Benzoic acid	10.032	122	386199m	40.606	ng	
33) 4-Chloroaniline	10.890	127	413791	19.292	ng	99
34) Hexachlorobutadiene	11.066	225	603800	40.591	ng	94
35) Caprolactam	11.665	113	268493m	45.417	ng	
36) 4-Chloro-3-methylphenol	12.018	107	818215	43.881	ng	100
37) 2-Methylnaphthalene	12.394	142	1597740	38.700	ng	97
38) 1-Methylnaphthalene	12.611	142	1572756	37.937	ng	99
40) 1,2,4,5-Tetrachloroben...	12.764	216	1093314	44.418	ng	99
41) Hexachlorocyclopentadiene	12.741	237	1172131	143.431	ng	97
43) 2,4,6-Trichlorophenol	12.999	196	745435	47.588	ng	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.075	196	824455	47.719	ng		96
46) 1,1'-Biphenyl	13.405	154	2400358	45.883	ng		99
47) 2-Chloronaphthalene	13.446	162	1946238	43.426	ng		99
48) 2-Nitroaniline	13.651	65	563304	50.470	ng		96
49) Acenaphthylene	14.292	152	3044453	49.330	ng		99
50) Dimethylphthalate	14.021	163	2369372	44.737	ng		99
51) 2,6-Dinitrotoluene	14.145	165	519182	45.941	ng		90
52) Acenaphthene	14.632	154	1713649	44.592	ng		99
53) 3-Nitroaniline	14.474	138	256392	24.898	ng		98
54) 2,4-Dinitrophenol	14.679	184	563920	82.053	ng		93
55) Dibenzofuran	14.967	168	2908025	45.330	ng		98
56) 4-Nitrophenol	14.791	139	829654	108.621	ng		96
57) 2,4-Dinitrotoluene	14.932	165	719730	46.443	ng		96
58) Fluorene	15.620	166	2393109	45.046	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.197	232	719796	49.061	ng		98
60) Diethylphthalate	15.385	149	2278175	44.806	ng		99
61) 4-Chlorophenyl-phenyle...	15.608	204	1250028	42.713	ng		98
62) 4-Nitroaniline	15.643	138	510470	46.576	ng		97
63) Azobenzene	15.902	77	2330805	45.322	ng		100
65) 4,6-Dinitro-2-methylph...	15.696	198	408436	45.792	ng		94
66) n-Nitrosodiphenylamine	15.825	169	2098649	49.023	ng		98
67) 4-Bromophenyl-phenylether	16.507	248	797768	45.032	ng		97
68) Hexachlorobenzene	16.618	284	933448	44.513	ng		98
69) Atrazine	16.777	200	820080	50.803	ng		98
70) Pentachlorophenol	16.965	266	1122409	99.299	ng		95
71) Phenanthrene	17.359	178	3607432	46.291	ng		99
72) Anthracene	17.453	178	3664799	47.103	ng		99
73) Carbazole	17.723	167	3332228	45.429	ng		99
74) Di-n-butylphthalate	18.275	149	3579249	47.425	ng		99
75) Fluoranthene	19.374	202	4081281	43.603	ng		100
77) Benzidine	19.556	184	1764834	55.424	ng		99
78) Pyrene	19.738	202	4225726	45.147	ng		98
80) Butylbenzylphthalate	20.625	149	1712362	53.175	ng		99
81) Benzo(a)anthracene	21.566	228	4251649	46.856	ng		99
82) 3,3'-Dichlorobenzidine	21.483	252	899833	25.895	ng		99
83) Chrysene	21.630	228	4019911	45.045	ng		99
84) Bis(2-ethylhexyl)phtha...	21.472	149	2507632	51.533	ng		99
85) Di-n-octyl phthalate	22.664	149	4141143	52.516	ng		98
87) Indeno(1,2,3-cd)pyrene	28.369	276	4926617	43.731	ng	#	93
88) Benzo(b)fluoranthene	23.745	252	4374812	45.706	ng		98
89) Benzo(k)fluoranthene	23.816	252	4330996	45.853	ng		99
90) Benzo(a)pyrene	24.609	252	4039153	46.714	ng		98
91) Dibenzo(a,h)anthracene	28.428	278	4188744	45.528	ng		100
92) Benzo(g,h,i)perylene	29.503	276	3998903	42.408	ng		98

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

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