Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082824\
Data File : BG062603.D
Acq On : 28 Aug 2024 20:04
Operator : MA/JU
Sample : P3767-01MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P-5-COMPOSITEMSD

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024

Quant Time: Aug 29 00:28:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 28 00:59:59 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.929	152	83845	20.000	ng		0.00
21) Naphthalene-d8	10.726	136	340005	20.000	ng	#	0.00
39) Acenaphthene-d10	14.557	164	240506	20.000	ng		0.00
64) Phenanthrene-d10	17.300	188	553075	20.000	ng		0.00
76) Chrysene-d12	21.548	240	537938	20.000	ng		0.00
86) Perylene-d12	24.627	264	630036	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.520	112	391904	83.851	ng		0.00
7) Phenol-d6	7.101	99	542930	81.554	ng		0.00
23) Nitrobenzene-d5	9.087	82	315343	61.553	ng		0.00
42) 2,4,6-Tribromophenol	16.043	330	273678	103.013	ng		0.00
45) 2-Fluorobiphenyl	13.176	172	827105	56.548	ng		0.00
79) Terphenyl-d14	19.915	244	1543084	59.974	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.423	88	76658	34.431	ng		96
3) Pyridine	3.816	79	217118	35.830	ng		96
4) n-Nitrosodimethylamine	3.734	42	118119	36.598	ng		87
6) Aniline	7.259	93	172334	27.426	ng		99
8) 2-Chlorophenol	7.500	128	245999	48.854	ng		96
9) Benzaldehyde	7.071	77	98479m	23.432	ng		
10) Phenol	7.130	94	340763	49.320	ng		99
11) bis(2-Chloroethyl)ether	7.353	93	238770	42.499	ng		99
12) 1,3-Dichlorobenzene	7.823	146	266516	45.201	ng		96
13) 1,4-Dichlorobenzene	7.970	146	268622	44.710	ng		99
14) 1,2-Dichlorobenzene	8.282	146	264437	44.980	ng		98
15) Benzyl Alcohol	8.170	79	249749	53.885	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.452	45	447665	41.950	ng		98
17) 2-Methylphenol	8.376	107	232119	50.296	ng		94
18) Hexachloroethane	9.010	117	94420	47.102	ng		91
19) n-Nitroso-di-n-propyla...	8.734	70	214335	48.074	ng		90
20) 3+4-Methylphenols	8.699	107	315463	49.988	ng		99
22) Acetophenone	8.746	105	397835	46.889	ng	#	97
24) Nitrobenzene	9.128	77	286539	51.648	ng		99
25) Isophorone	9.651	82	557881	44.892	ng		99
26) 2-Nitrophenol	9.839	139	116094	60.688	ng		96
27) 2,4-Dimethylphenol	9.903	122	209739	64.580	ng		95
28) bis(2-Chloroethoxy)met...	10.132	93	329065	45.683	ng		99
29) 2,4-Dichlorophenol	10.373	162	267217	55.576	ng		97
30) 1,2,4-Trichlorobenzene	10.591	180	285551	48.616	ng		99
31) Naphthalene	10.773	128	799268	47.096	ng		99
32) Benzoic acid	10.044	122	160170	59.619	ng		99
33) 4-Chloroaniline	10.879	127	115231	18.691	ng		96
34) Hexachlorobutadiene	11.061	225	192890	50.338	ng		92
35) Caprolactam	11.654	113	81235m	62.700	ng		
36) 4-Chloro-3-methylphenol	12.007	107	277950	53.352	ng		99
37) 2-Methylnaphthalene	12.383	142	576186	50.390	ng		98
38) 1-Methylnaphthalene	12.600	142	542214	47.391	ng		100
40) 1,2,4,5-Tetrachloroben...	12.747	216	358699	52.365	ng		99
41) Hexachlorocyclopentadiene	12.729	237	275969	160.236	ng		97
43) 2,4,6-Trichlorophenol	12.988	196	237247	60.513	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.064	196	259783	56.224	ng		95
46) 1,1'-Biphenyl	13.387	154	761182	47.302	ng		99
47) 2-Chloronaphthalene	13.429	162	627092	48.825	ng		100
48) 2-Nitroaniline	13.628	65	163289	59.112	ng		98
49) Acenaphthylene	14.280	152	1003515	51.252	ng		100
50) Dimethylphthalate	14.010	163	789051	50.488	ng		100
51) 2,6-Dinitrotoluene	14.128	165	148175	48.774	ng		92
52) Acenaphthene	14.621	154	569823	47.170	ng		96
53) 3-Nitroaniline	14.457	138	101889	39.266	ng		95
54) 2,4-Dinitrophenol	14.668	184	161286	113.423	ng		92
55) Dibenzofuran	14.956	168	1007712	48.652	ng		99
56) 4-Nitrophenol	14.774	139	264243	107.775	ng		97
57) 2,4-Dinitrotoluene	14.915	165	209077	58.550	ng		97
58) Fluorene	15.602	166	729802	44.868	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.179	232	245378	58.338	ng		97
60) Diethylphthalate	15.373	149	786947	52.544	ng		99
61) 4-Chlorophenyl-phenyle...	15.597	204	409841	47.414	ng		95
62) 4-Nitroaniline	15.620	138	150250	52.177	ng		97
63) Azobenzene	15.890	77	767426	45.093	ng		96
65) 4,6-Dinitro-2-methylph...	15.679	198	117751	62.933	ng		97
66) n-Nitrosodiphenylamine	15.808	169	690515	51.402	ng		97
67) 4-Bromophenyl-phenylether	16.490	248	285230	53.577	ng		96
68) Hexachlorobenzene	16.607	284	326295	53.043	ng		94
69) Atrazine	16.760	200	273954	74.972	ng		98
70) Pentachlorophenol	16.954	266	428136	116.128	ng		96
71) Phenanthrene	17.342	178	1356535	50.931	ng		99
72) Anthracene	17.430	178	1334032	51.191	ng		100
73) Carbazole	17.700	167	1140183	47.159	ng		99
74) Di-n-butylphthalate	18.264	149	1332925	63.017	ng		99
75) Fluoranthene	19.351	202	1709167	51.260	ng		98
77) Benzidine	19.533	184	202320	25.734	ng		100
78) Pyrene	19.715	202	1772986	51.839	ng		99
80) Butylbenzylphthalate	20.608	149	522383	65.761	ng		96
81) Benzo(a)anthracene	21.525	228	1761501	51.415	ng		100
82) 3,3'-Dichlorobenzidine	21.449	252	274175	30.255	ng		98
83) Chrysene	21.590	228	1685259	50.271	ng		99
84) Bis(2-ethylhexyl)phtha...	21.449	149	815534	75.330	ng		99
85) Di-n-octyl phthalate	22.612	149	1432525	70.081	ng	#	90
87) Indeno(1,2,3-cd)pyrene	28.117	276	2150547	54.128	ng		97
88) Benzo(b)fluoranthene	23.658	252	1779405	50.424	ng		99
89) Benzo(k)fluoranthene	23.722	252	1731451	49.453	ng		98
90) Benzo(a)pyrene	24.486	252	1681650	54.207	ng		99
91) Dibenzo(a,h)anthracene	28.170	278	1723795	52.501	ng		97
92) Benzo(g,h,i)perylene	29.204	276	1644596	49.270	ng		96

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

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