Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011923\
Data File : BG056352.D
Acq On : 19 Jan 2023 18:24
Operator : CG/JU
Sample : 01172-02MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 20 01:36:14 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 19 00:31:30 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
TP-FMSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.307	152	41283	20.000	ng		0.00
21) Naphthalene-d8	11.139	136	153511	20.000	ng		0.00
39) Acenaphthene-d10	14.917	164	121342	20.000	ng		0.00
64) Phenanthrene-d10	17.655	188	326735	20.000	ng		0.00
76) Chrysene-d12	21.950	240	314082	20.000	ng		0.00
86) Perylene-d12	25.393	264	339031	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.827	112	316868	137.046	ng		0.00
7) Phenol-d6	7.449	99	399643	112.551	ng		0.00
23) Nitrobenzene-d5	9.482	82	244017	81.309	ng		0.00
42) 2,4,6-Tribromophenol	16.403	330	238707	155.330	ng		0.00
45) 2-Fluorobiphenyl	13.548	172	785965	89.445	ng		0.00
79) Terphenyl-d14	20.234	244	1724408	98.334	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.648	88	37485	35.494	ng	#	73
3) Pyridine	4.071	79	99799	31.027	ng		94
4) n-Nitrosodimethylamine	3.965	42	26593	40.642	ng		93
6) Aniline	7.619	93	88091	18.918	ng		94
8) 2-Chlorophenol	7.866	128	115418	50.164	ng		95
9) Benzaldehyde	7.431	77	48066	22.766	ng		95
10) Phenol	7.478	94	137089	38.070	ng		96
11) bis(2-Chloroethyl)ether	7.707	93	103256	42.313	ng		97
12) 1,3-Dichlorobenzene	8.195	146	132975	47.487	ng		95
13) 1,4-Dichlorobenzene	8.342	146	133540	47.490	ng		98
14) 1,2-Dichlorobenzene	8.665	146	129996	47.912	ng		97
15) Benzyl Alcohol	8.542	79	106785	41.322	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.830	45	21427	49.688	ng	#	78
17) 2-Methylphenol	8.742	107	110100	41.668	ng		96
18) Hexachloroethane	9.400	117	39296	46.001	ng		96
19) n-Nitroso-di-n-propyla...	9.106	70	80269	37.176	ng		98
20) 3+4-Methylphenols	9.071	107	147692	39.757	ng		97
22) Acetophenone	9.135	105	185808	42.808	ng	#	98
24) Nitrobenzene	9.523	77	120658	40.569	ng		99
25) Isophorone	10.046	82	237847	37.668	ng		96
26) 2-Nitrophenol	10.240	139	70661	46.436	ng		96
27) 2,4-Dimethylphenol	10.287	122	127586	45.969	ng		97
28) bis(2-Chloroethoxy)met...	10.522	93	138073	42.072	ng		99
29) 2,4-Dichlorophenol	10.774	162	145965	47.570	ng		99
30) 1,2,4-Trichlorobenzene	10.998	180	154603	44.400	ng		99
31) Naphthalene	11.192	128	360845	44.664	ng		99
32) Benzoic acid	10.416	122	65148m	31.636	ng		
33) 4-Chloroaniline	11.291	127	17893	4.639	ng		96
34) Hexachlorobutadiene	11.462	225	107550	42.945	ng		98
35) Caprolactam	12.055	113	36013m	34.666	ng		
36) 4-Chloro-3-methylphenol	12.390	107	134717	43.267	ng		96
37) 2-Methylnaphthalene	12.772	142	280039	41.051	ng		99
38) 1-Methylnaphthalene	12.984	142	259933m	41.033	ng		
40) 1,2,4,5-Tetrachloroben...	13.131	216	206959	45.507	ng		99
41) Hexachlorocyclopentadiene	13.107	237	243681	93.982	ng		95
43) 2,4,6-Trichlorophenol	13.366	196	144057	47.903	ng		99

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44) 2,4,5-Trichlorophenol	13.442	196	157636	44.313	ng	98
46) 1,1'-Biphenyl	13.759	154	410319	47.217	ng	98
47) 2-Chloronaphthalene	13.806	162	326307	47.572	ng	98
48) 2-Nitroaniline	14.000	65	68638	46.966	ng	98
49) Acenaphthylene	14.646	152	515008	46.138	ng	99
50) Dimethylphthalate	14.358	163	456801	46.634	ng	98
51) 2,6-Dinitrotoluene	14.488	165	98696	47.286	ng	91
52) Acenaphthene	14.981	154	381507m	52.551	ng	
53) 3-Nitroaniline	14.817	138	39347	19.808	ng	97
54) 2,4-Dinitrophenol	15.022	184	138590	92.945	ng	96
55) Dibenzofuran	15.316	168	548162	45.628	ng	97
56) 4-Nitrophenol	15.116	139	141305	92.492	ng	88
57) 2,4-Dinitrotoluene	15.269	165	145495	49.844	ng	88
58) Fluorene	15.962	166	443786	45.928	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.534	232	157602	47.184	ng	95
60) Diethylphthalate	15.710	149	421781	45.914	ng	99
61) 4-Chlorophenyl-phenyle...	15.939	204	268239	44.483	ng	99
62) 4-Nitroaniline	15.980	138	96688	47.517	ng	89
63) Azobenzene	16.233	77	302846	42.721	ng	98
65) 4,6-Dinitro-2-methylph...	16.033	198	99381	45.146	ng	95
66) n-Nitrosodiphenylamine	16.156	169	416568	45.951	ng	97
67) 4-Bromophenyl-phenylether	16.832	248	186120	44.733	ng	97
68) Hexachlorobenzene	16.961	284	193460	49.838	ng	97
69) Atrazine	17.091	200	181836	48.399	ng	97
70) Pentachlorophenol	17.302	266	250117	83.879	ng	99
71) Phenanthrene	17.702	178	788333	46.558	ng	99
72) Anthracene	17.790	178	809457	46.342	ng	99
73) Carbazole	18.054	167	717571	48.874	ng	98
74) Di-n-butylphthalate	18.583	149	727651	49.717	ng	100
75) Fluoranthene	19.693	202	1011316	45.788	ng	99
77) Benzidine	19.858	184	108710	9.877	ng	98
78) Pyrene	20.052	202	1035706	46.784	ng	99
80) Butylbenzylphthalate	20.910	149	301747	47.511	ng	96
81) Benzo(a)anthracene	21.932	228	1006047	45.605	ng	99
82) 3,3'-Dichlorobenzidine	21.832	252	164924	20.768	ng	98
83) Chrysene	22.002	228	936853	45.338	ng	99
84) Bis(2-ethylhexyl)phtha...	21.791	149	434434	47.478	ng	100
85) Di-n-octyl phthalate	23.072	149	725231	46.949	ng	100
87) Indeno(1,2,3-cd)pyrene	29.353	276	1177262	47.747	ng	99
88) Benzo(b)fluoranthene	24.294	252	1043996	48.466	ng	98
89) Benzo(k)fluoranthene	24.364	252	1021890	47.640	ng	99
90) Benzo(a)pyrene	25.234	252	918170	43.702	ng	99
91) Dibenzo(a,h)anthracene	29.417	278	991361	47.957	ng	99
92) Benzo(g,h,i)perylene	30.604	276	952589	47.519	ng	97

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

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