Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081523\
Data File : BG058735.D
Acq On : 15 Aug 2023 17:03
Operator : MA/JU
Sample : 04014-02MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
NEVINS-SB06-Z102-104MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/16/2023
Supervised By :Sohil Jodhani 08/16/2023

Quant Time: Aug 16 04:50:27 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 28 22:29:07 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.811	152	40700	20.000	ng		0.00
21) Naphthalene-d8	10.614	136	179660	20.000	ng		0.00
39) Acenaphthene-d10	14.457	164	127180	20.000	ng		0.00
64) Phenanthrene-d10	17.206	188	287942	20.000	ng		0.00
76) Chrysene-d12	21.448	240	234088	20.000	ng		0.00
86) Perylene-d12	24.515	264	298411	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.385	112	259869	97.592	ng		0.00
7) Phenol-d6	6.983	99	370859	100.090	ng		0.00
23) Nitrobenzene-d5	8.975	82	222460	60.828	ng		0.00
42) 2,4,6-Tribromophenol	15.955	330	179553	86.134	ng		0.00
45) 2-Fluorobiphenyl	13.076	172	514246	60.595	ng		0.00
79) Terphenyl-d14	19.827	244	830402	66.710	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.264	88	42799	33.169	ng		92
3) Pyridine	3.657	79	104925	29.826	ng		89
4) n-Nitrosodimethylamine	3.581	42	64023	42.953	ng	#	86
6) Aniline	7.136	93	136414	29.903	ng		97
8) 2-Chlorophenol	7.377	128	118092	45.206	ng		96
9) Benzaldehyde	6.948	77	54839	27.241	ng		98
10) Phenol	7.012	94	163064	45.052	ng		97
11) bis(2-Chloroethyl)ether	7.236	93	113549	39.793	ng		91
12) 1,3-Dichlorobenzene	7.700	146	116627	41.810	ng		99
13) 1,4-Dichlorobenzene	7.847	146	119918	42.815	ng		98
14) 1,2-Dichlorobenzene	8.164	146	116197	43.392	ng		99
15) Benzyl Alcohol	8.052	79	118930	50.613	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.340	45	231804	50.010	ng		95
17) 2-Methylphenol	8.258	107	112791	42.619	ng		97
18) Hexachloroethane	8.887	117	43631	42.858	ng		96
19) n-Nitroso-di-n-propyla...	8.616	70	97364	40.681	ng		92
20) 3+4-Methylphenols	8.587	107	151531	42.330	ng		98
22) Acetophenone	8.634	105	188809	39.249	ng		95
24) Nitrobenzene	9.016	77	143869	38.695	ng		99
25) Isophorone	9.539	82	283666	37.540	ng		99
26) 2-Nitrophenol	9.727	139	65587	40.525	ng		97
27) 2,4-Dimethylphenol	9.791	122	109741	40.879	ng		99
28) bis(2-Chloroethoxy)met...	10.021	93	157050	38.191	ng		99
29) 2,4-Dichlorophenol	10.262	162	121431	43.565	ng		98
30) 1,2,4-Trichlorobenzene	10.473	180	130470	40.588	ng		99
31) Naphthalene	10.661	128	374987	39.601	ng		99
32) Benzoic acid	9.962	122	68204	34.679	ng		96
33) 4-Chloroaniline	10.779	127	93773	23.439	ng		98
34) Hexachlorobutadiene	10.937	225	83575	40.372	ng		98
35) Caprolactam	11.566	113	40446m	39.294	ng		
36) 4-Chloro-3-methylphenol	11.913	107	144930	42.032	ng		98
37) 2-Methylnaphthalene	12.277	142	261707	38.637	ng		97
38) 1-Methylnaphthalene	12.494	142	253510	39.373	ng		99
40) 1,2,4,5-Tetrachloroben...	12.647	216	155500	39.825	ng		99
41) Hexachlorocyclopentadiene	12.618	237	106107	60.338	ng		98
43) 2,4,6-Trichlorophenol	12.894	196	109461	40.758	ng		96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.970	196	119252	37.699	ng	98
46) 1,1'-Biphenyl	13.287	154	345710	39.582	ng	99
47) 2-Chloronaphthalene	13.334	162	281591	41.349	ng	99
48) 2-Nitroaniline	13.546	65	105735	40.678	ng	97
49) Acenaphthylene	14.180	152	464568	40.746	ng	99
50) Dimethylphthalate	13.916	163	362517	37.954	ng	99
51) 2,6-Dinitrotoluene	14.045	165	81957	39.106	ng	97
52) Acenaphthene	14.521	154	259772	39.431	ng	99
53) 3-Nitroaniline	14.374	138	62608	29.859	ng	96
54) 2,4-Dinitrophenol	14.592	184	69912	61.124	ng	97
55) Dibenzofuran	14.856	168	437874	38.680	ng	99
56) 4-Nitrophenol	14.692	139	115855	74.792	ng	94
57) 2,4-Dinitrotoluene	14.839	165	115620	39.793	ng	96
58) Fluorene	15.508	166	350482	38.973	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.091	232	103641	38.396	ng	99
60) Diethylphthalate	15.279	149	368819	37.903	ng	100
61) 4-Chlorophenyl-phenyle...	15.497	204	193679	38.630	ng	96
62) 4-Nitroaniline	15.544	138	77666	39.101	ng	97
63) Azobenzene	15.790	77	359494	37.508	ng	98
65) 4,6-Dinitro-2-methylph...	15.602	198	61128	38.501	ng	98
66) n-Nitrosodiphenylamine	15.720	169	305741	40.796	ng	98
67) 4-Bromophenyl-phenylether	16.390	248	130372	39.919	ng	96
68) Hexachlorobenzene	16.513	284	144305	41.698	ng	97
69) Atrazine	16.666	200	120443	47.608	ng	99
70) Pentachlorophenol	16.860	266	133599	63.780	ng	98
71) Phenanthrene	17.247	178	573117	41.970	ng	98
72) Anthracene	17.341	178	557885	39.816	ng	99
73) Carbazole	17.612	167	506635	41.004	ng	100
74) Di-n-butylphthalate	18.164	149	621468	40.156	ng	99
75) Fluoranthene	19.263	202	644500	39.291	ng	98
77) Benzidine	19.451	184	248241	69.933	ng	98
78) Pyrene	19.627	202	667362	41.891	ng	99
80) Butylbenzylphthalate	20.514	149	275074	42.036	ng	95
81) Benzo(a)anthracene	21.431	228	644633	40.015	ng	98
82) 3,3'-Dichlorobenzidine	21.354	252	184142	33.807	ng	97
83) Chrysene	21.495	228	607781	39.349	ng	99
84) Bis(2-ethylhexyl)phtha...	21.331	149	393896	41.191	ng	100
85) Di-n-octyl phthalate	22.482	149	696441	41.424	ng	97
87) Indeno(1,2,3-cd)pyrene	28.023	276	782940	39.438	ng	98
88) Benzo(b)fluoranthene	23.546	252	683397	42.224	ng	99
89) Benzo(k)fluoranthene	23.611	252	639655	39.340	ng	99
90) Benzo(a)pyrene	24.374	252	607558	38.224	ng	99
91) Dibenzo(a,h)anthracene	28.070	278	639990	38.988	ng	99
92) Benzo(g,h,i)perylene	29.116	276	622155	37.797	ng	100

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

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