Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090622\
Data File : BG054856.D
Acq On : 6 Sep 2022 17:52
Operator : CG/JU
Sample : N4486-01MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 07 04:57:26 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 25 17:50:55 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PC-1MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.146	152	51531	20.000	ng	0.00
21) Naphthalene-d8	10.978	136	213205	20.000	ng	0.00
39) Acenaphthene-d10	14.786	164	137620	20.000	ng	0.00
64) Phenanthrene-d10	17.530	188	290192	20.000	ng	0.00
76) Chrysene-d12	21.824	240	260885	20.000	ng	0.00
86) Perylene-d12	25.197	264	278937	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.690	112	333401	112.665	ng	0.00
7) Phenol-d6	7.306	99	445819	110.160	ng	0.01
23) Nitrobenzene-d5	9.327	82	269437	66.342	ng	0.00
42) 2,4,6-Tribromophenol	16.272	330	183961	106.976	ng	0.00
45) 2-Fluorobiphenyl	13.405	172	602452	65.797	ng	0.00
79) Terphenyl-d14	20.126	244	803965	61.060	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.522	88	50361	35.639	ng	97
3) Pyridine	3.934	79	140273	35.590	ng	94
4) n-Nitrosodimethylamine	3.851	42	67974	39.896	ng	92
6) Aniline	7.471	93	158319	32.926	ng	96
8) 2-Chlorophenol	7.712	128	172256	53.278	ng	99
9) Benzaldehyde	7.283	77	88892m	33.513	ng	
10) Phenol	7.336	94	212972	51.171	ng	96
11) bis(2-Chloroethyl)ether	7.559	93	156224	46.673	ng	96
12) 1,3-Dichlorobenzene	8.035	146	181056	48.391	ng	98
13) 1,4-Dichlorobenzene	8.188	146	181158	48.002	ng	98
14) 1,2-Dichlorobenzene	8.505	146	177598	49.629	ng	98
15) Benzyl Alcohol	8.387	79	144753m	49.510	ng	
16) 2,2'-oxybis(1-Chloropr...	8.669	45	219793	41.965	ng	98
17) 2-Methylphenol	8.593	107	147225	51.379	ng	97
18) Hexachloroethane	9.239	117	64088	46.830	ng	97
19) n-Nitroso-di-n-propyla...	8.957	70	122490	44.014	ng	93
20) 3+4-Methylphenols	8.922	107	202031	50.844	ng	95
22) Acetophenone	8.975	105	241684	45.310	ng	97
24) Nitrobenzene	9.368	77	177978	43.478	ng	95
25) Isophorone	9.886	82	341558	45.104	ng	99
26) 2-Nitrophenol	10.079	139	95278	52.691	ng	98
27) 2,4-Dimethylphenol	10.132	122	161583	56.399	ng	95
28) bis(2-Chloroethoxy)met...	10.367	93	210082	48.685	ng	99
29) 2,4-Dichlorophenol	10.620	162	165971	50.932	ng	97
30) 1,2,4-Trichlorobenzene	10.831	180	172518	46.326	ng	96
31) Naphthalene	11.025	128	515551	45.070	ng	100
32) Benzoic acid	10.309	122	76208	39.004	ng	96
33) 4-Chloroaniline	11.131	127	111634	23.938	ng	98
34) Hexachlorobutadiene	11.296	225	114538	48.005	ng	97
35) Caprolactam	11.918	113	52914m	46.026	ng	
36) 4-Chloro-3-methylphenol	12.247	107	172876	48.513	ng	99
37) 2-Methylnaphthalene	12.624	142	362067	45.160	ng	99
38) 1-Methylnaphthalene	12.841	142	347063	44.493	ng	100
40) 1,2,4,5-Tetrachloroben...	12.982	216	208718	50.312	ng	99
41) Hexachlorocyclopentadiene	12.958	237	86223	39.191	ng	99
43) 2,4,6-Trichlorophenol	13.223	196	137970	50.106	ng	99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.299	196	147127	47.578	ng		97
46)	1,1'-Biphenyl	13.616	154	486962	47.649	ng		99
47)	2-Chloronaphthalene	13.663	162	363072	46.779	ng		98
48)	2-Nitroaniline	13.869	65	111969	46.032	ng		93
49)	Acenaphthylene	14.510	152	587369	45.860	ng		99
50)	Dimethylphthalate	14.227	163	457694	43.169	ng		99
51)	2,6-Dinitrotoluene	14.357	165	101176	46.655	ng		85
52)	Acenaphthene	14.850	154	416712m	50.651	ng		
53)	3-Nitroaniline	14.692	138	85016	35.020	ng		89
54)	2,4-Dinitrophenol	14.897	184	110783	89.638	ng		98
55)	Dibenzofuran	15.179	168	552659	45.716	ng		100
56)	4-Nitrophenol	15.003	139	170244	90.620	ng		94
57)	2,4-Dinitrotoluene	15.144	165	141694	47.238	ng		85
58)	Fluorene	15.826	166	455831	44.759	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.403	232	122729	44.027	ng		99
60)	Diethylphthalate	15.585	149	451689	42.664	ng		98
61)	4-Chlorophenyl-phenyle...	15.814	204	235755	46.926	ng		98
62)	4-Nitroaniline	15.855	138	101073	40.779	ng		96
63)	Azobenzene	16.108	77	407868	40.537	ng		95
65)	4,6-Dinitro-2-methylph...	15.908	198	77045	52.158	ng		95
66)	n-Nitrosodiphenylamine	16.031	169	404167	48.296	ng		99
67)	4-Bromophenyl-phenylether	16.707	248	156211	49.029	ng		100
68)	Hexachlorobenzene	16.830	284	175027	48.867	ng		97
69)	Atrazine	16.977	200	147451	49.943	ng		99
70)	Pentachlorophenol	17.177	266	178060	91.498	ng		99
71)	Phenanthrene	17.577	178	719820	46.564	ng		99
72)	Anthracene	17.665	178	708985	47.173	ng		99
73)	Carbazole	17.935	167	634297	45.806	ng		99
74)	Di-n-butylphthalate	18.470	149	745789	42.562	ng		99
75)	Fluoranthene	19.580	202	876831	46.626	ng		99
77)	Benzidine	19.756	184	24215	3.747	ng	#	91
78)	Pyrene	19.938	202	867387	47.681	ng		99
80)	Butylbenzylphthalate	20.808	149	332997	43.885	ng		97
81)	Benzo(a)anthracene	21.807	228	823322	46.545	ng		99
82)	3,3'-Dichlorobenzidine	21.713	252	100352	16.181	ng		98
83)	Chrysene	21.871	228	780481	46.147	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.683	149	485686	44.427	ng		98
85)	Di-n-octyl phthalate	22.941	149	810103	43.696	ng	#	94
87)	Indeno(1,2,3-cd)pyrene	29.104	276	993074	46.896	ng		98
88)	Benzo(b)fluoranthene	24.128	252	873151	49.900	ng		99
89)	Benzo(k)fluoranthene	24.192	252	829266	47.091	ng		98
90)	Benzo(a)pyrene	25.044	252	764131	51.114	ng		99
91)	Dibenzo(a,h)anthracene	29.169	278	839674	48.671	ng		100
92)	Benzo(g,h,i)perylene	30.338	276	851229	48.841	ng		98

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

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