Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110222\
Data File : BG055420.D
Acq On : 2 Nov 2022 18:25
Operator : CG/JU
Sample : N5380-02MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 03 06:10:58 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 02 05:05:12 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
TP-EMSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo
11/07/2022
Supervised By :mohammad ahmed
11/08/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.240	152	25663	20.000	ng		0.00
21) Naphthalene-d8	11.072	136	116192	20.000	ng		0.00
39) Acenaphthene-d10	14.856	164	86719	20.000	ng		0.00
64) Phenanthrene-d10	17.594	188	198712	20.000	ng		0.00
76) Chrysene-d12	21.865	240	190395	20.000	ng		0.00
86) Perylene-d12	25.238	264	209738	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.772	112	206913	144.794	ng		0.00
7) Phenol-d6	7.394	99	263764	133.101	ng		0.00
23) Nitrobenzene-d5	9.415	82	182836	83.863	ng		0.00
42) 2,4,6-Tribromophenol	16.342	330	162303	137.211	ng		0.00
45) 2-Fluorobiphenyl	13.487	172	474070	81.053	ng		0.00
79) Terphenyl-d14	20.167	244	845485	86.351	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.575	88	24387	37.625	ng	#	35
3) Pyridine	3.998	79	63862	33.200	ng		97
4) n-Nitrosodimethylamine	3.904	42	32505	42.775	ng		97
6) Aniline	7.559	93	79511	30.935	ng		99
8) 2-Chlorophenol	7.805	128	83879	48.310	ng		100
9) Benzaldehyde	7.370	77	54586	46.853	ng		100
10) Phenol	7.418	94	96637	43.084	ng		99
11) bis(2-Chloroethyl)ether	7.647	93	74614	44.463	ng		99
12) 1,3-Dichlorobenzene	8.128	146	81422	41.373	ng		99
13) 1,4-Dichlorobenzene	8.275	146	81948	40.884	ng		99
14) 1,2-Dichlorobenzene	8.598	146	81755	42.613	ng		99
15) Benzyl Alcohol	8.481	79	77901m	49.288	ng		
16) 2,2'-oxybis(1-Chloropr...	8.763	45	94486	42.320	ng		98
17) 2-Methylphenol	8.687	107	76631	47.483	ng		99
18) Hexachloroethane	9.333	117	28043	41.012	ng		97
19) n-Nitroso-di-n-propyla...	9.045	70	68732	44.387	ng		99
20) 3+4-Methylphenols	9.016	107	105548	46.029	ng		98
22) Acetophenone	9.069	105	133823	43.941	ng	#	99
24) Nitrobenzene	9.462	77	95921	42.200	ng		98
25) Isophorone	9.979	82	197357	45.709	ng		99
26) 2-Nitrophenol	10.179	139	51093	43.654	ng		98
27) 2,4-Dimethylphenol	10.226	122	89194	54.350	ng		100
28) bis(2-Chloroethoxy)met...	10.455	93	110937	48.238	ng		99
29) 2,4-Dichlorophenol	10.720	162	95871	47.890	ng		96
30) 1,2,4-Trichlorobenzene	10.931	180	88591	40.867	ng		98
31) Naphthalene	11.119	128	279650	42.747	ng		99
32) Benzoic acid	10.502	122	5731m	10.492	ng		
33) 4-Chloroaniline	11.231	127	29397	10.815	ng		99
34) Hexachlorobutadiene	11.395	225	53355	39.597	ng		98
35) Caprolactam	11.994	113	25808m	34.819	ng		
36) 4-Chloro-3-methylphenol	12.335	107	102294	46.668	ng		99
37) 2-Methylnaphthalene	12.705	142	203166	42.280	ng		97
38) 1-Methylnaphthalene	12.923	142	193064	41.193	ng		97
40) 1,2,4,5-Tetrachloroben...	13.070	216	109005	42.552	ng		99
41) Hexachlorocyclopentadiene	13.040	237	105284	85.624	ng		95
43) 2,4,6-Trichlorophenol	13.305	196	80390	45.064	ng		97

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44) 2,4,5-Trichlorophenol	13.387	196	90567	45.579	ng		99
46) 1,1'-Biphenyl	13.698	154	281579	44.127	ng		99
47) 2-Chloronaphthalene	13.745	162	217002	42.322	ng		99
48) 2-Nitroaniline	13.945	65	67281	42.721	ng		99
49) Acenaphthylene	14.586	152	359978	42.757	ng		99
50) Dimethylphthalate	14.304	163	304836	42.113	ng		99
51) 2,6-Dinitrotoluene	14.427	165	65717	43.366	ng		97
52) Acenaphthene	14.920	154	209502	41.810	ng		99
53) 3-Nitroaniline	14.762	138	39347	23.102	ng		93
54) 2,4-Dinitrophenol	14.973	184	22800	28.446	ng		93
55) Dibenzofuran	15.249	168	352487	42.499	ng		99
56) 4-Nitrophenol	15.073	139	91002	77.924	ng		95
57) 2,4-Dinitrotoluene	15.214	165	92757	42.808	ng		98
58) Fluorene	15.896	166	283479	42.074	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.479	232	78464	43.916	ng		99
60) Diethylphthalate	15.649	149	306725	40.774	ng		99
61) 4-Chlorophenyl-phenyle...	15.878	204	148938	42.757	ng		99
62) 4-Nitroaniline	15.919	138	69031	38.309	ng		98
63) Azobenzene	16.172	77	255370	40.839	ng		98
65) 4,6-Dinitro-2-methylph...	15.978	198	29190	22.805	ng		97
66) n-Nitrosodiphenylamine	16.096	169	249914	42.302	ng		99
67) 4-Bromophenyl-phenylether	16.771	248	102431	43.607	ng		98
68) Hexachlorobenzene	16.901	284	115831	43.241	ng		96
69) Atrazine	17.030	200	101201	51.024	ng		99
70) Pentachlorophenol	17.247	266	103481	74.822	ng		97
71) Phenanthrene	17.635	178	467480	41.824	ng		99
72) Anthracene	17.723	178	475026	43.359	ng		99
73) Carbazole	17.987	167	442050	43.368	ng		100
74) Di-n-butylphthalate	18.516	149	531942	41.785	ng		99
75) Fluoranthene	19.621	202	553235	41.149	ng		99
77) Benzidine	19.791	184	152010	38.349	ng		99
78) Pyrene	19.985	202	565544	42.106	ng		99
80) Butylbenzylphthalate	20.837	149	234497	41.875	ng		99
81) Benzo(a)anthracene	21.848	228	544108	41.631	ng		99
82) 3,3'-Dichlorobenzidine	21.748	252	109922	24.526	ng		98
83) Chrysene	21.912	228	507423	40.695	ng		99
84) Bis(2-ethylhexyl)phtha...	21.707	149	341930	42.006	ng		99
85) Di-n-octyl phthalate	22.958	149	588814	42.217	ng		99
87) Indeno(1,2,3-cd)pyrene	29.127	276	702572	41.722	ng	#	91
88) Benzo(b)fluoranthene	24.163	252	599652	45.010	ng		99
89) Benzo(k)fluoranthene	24.233	252	572520	42.763	ng		100
90) Benzo(a)pyrene	25.079	252	528422	45.872	ng		99
91) Dibenzo(a,h)anthracene	29.180	278	595195	42.841	ng		100
92) Benzo(g,h,i)perylene	30.349	276	577160	41.770	ng		98

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

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