Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111722\
Data File : BG055670.D
Acq On : 17 Nov 2022 17:56
Operator : CG/JU
Sample : N5513-01MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 18 03:15:25 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 17 02:02:46 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
WC-D2(7-9)MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/18/2022
Supervised By :Jagrut Upadhyay 11/18/2022

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.253	152	44187	20.000	ng		0.00
21) Naphthalene-d8	11.079	136	177708	20.000	ng		0.00
39) Acenaphthene-d10	14.874	164	120743	20.000	ng		0.00
64) Phenanthrene-d10	17.618	188	275989	20.000	ng		0.00
76) Chrysene-d12	21.913	240	273769	20.000	ng		0.00
86) Perylene-d12	25.327	264	299722	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.785	112	319921	130.867	ng		0.00
7) Phenol-d6	7.395	99	410662	126.195	ng		0.00
23) Nitrobenzene-d5	9.422	82	253969	75.537	ng		0.00
42) 2,4,6-Tribromophenol	16.355	330	210816	123.994	ng		0.00
45) 2-Fluorobiphenyl	13.499	172	608647	75.518	ng		0.00
79) Terphenyl-d14	20.203	244	1037379	75.790	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.617	88	41324	39.555	ng		97
3) Pyridine	4.028	79	113891	35.536	ng		96
4) n-Nitrosodimethylamine	3.940	42	71831	42.333	ng		97
6) Aniline	7.565	93	81148	19.853	ng		97
8) 2-Chlorophenol	7.812	128	129270	46.256	ng		98
9) Benzaldehyde	7.377	77	80336	36.351	ng		95
10) Phenol	7.424	94	163188	44.787	ng		100
11) bis(2-Chloroethyl)ether	7.659	93	117494	42.077	ng		98
12) 1,3-Dichlorobenzene	8.141	146	141789	43.153	ng		98
13) 1,4-Dichlorobenzene	8.288	146	143820	43.317	ng		99
14) 1,2-Dichlorobenzene	8.611	146	138806	43.627	ng		97
15) Benzyl Alcohol	8.482	79	121060m	45.774	ng		
16) 2,2'-oxybis(1-Chloropr...	8.770	45	213386	42.213	ng		98
17) 2-Methylphenol	8.687	107	112869	43.631	ng		99
18) Hexachloroethane	9.351	117	49713	43.503	ng		96
19) n-Nitroso-di-n-propyla...	9.058	70	98896	39.553	ng		99
20) 3+4-Methylphenols	9.016	107	153585	42.501	ng		97
22) Acetophenone	9.081	105	193577	41.920	ng	#	99
24) Nitrobenzene	9.469	77	145592	41.457	ng		99
25) Isophorone	9.986	82	270660	42.487	ng		99
26) 2-Nitrophenol	10.180	139	75303	46.449	ng		95
27) 2,4-Dimethylphenol	10.227	122	126270	51.175	ng		96
28) bis(2-Chloroethoxy)met...	10.468	93	154743	45.247	ng		99
29) 2,4-Dichlorophenol	10.720	162	132366	44.820	ng		99
30) 1,2,4-Trichlorobenzene	10.938	180	144756	42.190	ng		99
31) Naphthalene	11.132	128	398297	41.461	ng		99
32) Benzoic acid	10.362	122	97812	48.183	ng		96
33) 4-Chloroaniline	11.231	127	72817	18.375	ng		99
34) Hexachlorobutadiene	11.408	225	96350	41.125	ng		96
35) Caprolactam	12.013	113	43478	42.542	ng		98
36) 4-Chloro-3-methylphenol	12.330	107	140917	43.413	ng		98
37) 2-Methylnaphthalene	12.718	142	289302	40.221	ng		99
38) 1-Methylnaphthalene	12.935	142	274494	39.310	ng		99
40) 1,2,4,5-Tetrachloroben...	13.082	216	169847	44.763	ng		99
41) Hexachlorocyclopentadiene	13.059	237	167561	87.618	ng		99
43) 2,4,6-Trichlorophenol	13.311	196	117893	45.548	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.388	196	129052	45.371	ng		97
46) 1,1'-Biphenyl	13.711	154	386823	43.963	ng		98
47) 2-Chloronaphthalene	13.758	162	296654	43.377	ng		98
48) 2-Nitroaniline	13.952	65	99140	44.092	ng		97
49) Acenaphthylene	14.604	152	477688	42.417	ng		99
50) Dimethylphthalate	14.316	163	383593	39.853	ng		99
51) 2,6-Dinitrotoluene	14.440	165	85451	43.419	ng		99
52) Acenaphthene	14.939	154	361325m	49.091	ng		
53) 3-Nitroaniline	14.769	138	54995	25.455	ng		99
54) 2,4-Dinitrophenol	14.974	184	113796	100.567	ng		99
55) Dibenzofuran	15.268	168	479177	42.201	ng		98
56) 4-Nitrophenol	15.068	139	153619	90.597	ng		96
57) 2,4-Dinitrotoluene	15.221	165	122231	44.051	ng		98
58) Fluorene	15.920	166	379362	41.831	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.491	232	119840	43.482	ng		100
60) Diethylphthalate	15.673	149	386794	39.747	ng		99
61) 4-Chlorophenyl-phenyle...	15.902	204	208416	41.808	ng		99
62) 4-Nitroaniline	15.932	138	90647	40.138	ng		96
63) Azobenzene	16.196	77	345781	40.700	ng		99
65) 4,6-Dinitro-2-methylph...	15.985	198	75383	48.915	ng		98
66) n-Nitrosodiphenylamine	16.114	169	335590	44.122	ng		100
67) 4-Bromophenyl-phenylether	16.796	248	137700	43.790	ng		99
68) Hexachlorobenzene	16.919	284	150911	43.280	ng		98
69) Atrazine	17.054	200	137548	45.725	ng		100
70) Pentachlorophenol	17.260	266	199246	93.411	ng		99
71) Phenanthrene	17.659	178	734704	49.330	ng		100
72) Anthracene	17.747	178	646850	44.700	ng		99
73) Carbazole	18.012	167	580843	44.649	ng		99
74) Di-n-butylphthalate	18.552	149	665446	41.195	ng		100
75) Fluoranthene	19.657	202	873144	48.189	ng		99
77) Benzidine	19.821	184	158783	25.070	ng		99
78) Pyrene	20.015	202	872448	47.081	ng		99
80) Butylbenzylphthalate	20.885	149	308021	42.460	ng		97
81) Benzo(a)anthracene	21.895	228	839916	44.543	ng		99
82) 3,3'-Dichlorobenzidine	21.796	252	161603	24.390	ng		98
83) Chrysene	21.966	228	784916	43.726	ng		100
84) Bis(2-ethylhexyl)phtha...	21.772	149	451310	43.288	ng		99
85) Di-n-octyl phthalate	23.047	149	759386	42.562	ng	#	91
87) Indeno(1,2,3-cd)pyrene	29.257	276	986593	40.180	ng	#	95
88) Benzo(b)fluoranthene	24.240	252	888305	45.509	ng		98
89) Benzo(k)fluoranthene	24.310	252	831001	42.709	ng		99
90) Benzo(a)pyrene	25.168	252	777516	46.418	ng		99
91) Dibenzo(a,h)anthracene	29.334	278	804923	40.116	ng		99
92) Benzo(g,h,i)perylene	30.503	276	827631	40.925	ng		99

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

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