Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121622\
Data File : BG056003.D
Acq On : 16 Dec 2022 21:14
Operator : CG/JU
Sample : N6038-28MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Dec 17 01:25:14 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 17 01:18:54 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
RB-42-(3-5)MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.370	152	9891	20.000	ng		0.00
21) Naphthalene-d8	11.208	136	37973	20.000	ng	#	0.00
39) Acenaphthene-d10	14.980	164	32860	20.000	ng		0.00
64) Phenanthrene-d10	17.718	188	90954	20.000	ng	#	0.00
76) Chrysene-d12	22.030	240	90714	20.000	ng		0.00
86) Perylene-d12	25.526	264	108499	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.890	112	37427	88.740	ng		0.00
7) Phenol-d6	7.506	99	47199	87.012	ng		0.00
23) Nitrobenzene-d5	9.545	82	30561	56.242	ng		0.00
42) 2,4,6-Tribromophenol	16.460	330	69621	87.866	ng		0.00
45) 2-Fluorobiphenyl	13.611	172	117853	50.300	ng		0.00
79) Terphenyl-d14	20.291	244	284566	55.442	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.722	88	4521	36.834	ng		92
3) Pyridine	4.134	79	12075	29.894	ng		95
4) n-Nitrosodimethylamine	4.045	42	12219	33.651	ng	#	95
6) Aniline	7.682	93	15749	24.250	ng		94
8) 2-Chlorophenol	7.929	128	21677	39.838	ng		95
9) Benzaldehyde	7.494	77	13537	39.737	ng		97
10) Phenol	7.530	94	23631	39.805	ng		99
11) bis(2-Chloroethyl)ether	7.776	93	14317	37.023	ng		99
12) 1,3-Dichlorobenzene	8.264	146	26014	36.958	ng		90
13) 1,4-Dichlorobenzene	8.411	146	25954	36.080	ng		94
14) 1,2-Dichlorobenzene	8.734	146	26174	38.074	ng		90
15) Benzyl Alcohol	8.605	79	20382	36.162	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.893	45	19531m	38.806	ng		
17) 2-Methylphenol	8.799	107	18041	38.624	ng		92
18) Hexachloroethane	9.474	117	8465	38.767	ng		81
19) n-Nitroso-di-n-propyla...	9.175	70	13557	34.867	ng		92
20) 3+4-Methylphenols	9.128	107	24452	36.683	ng		98
22) Acetophenone	9.198	105	32781	34.824	ng		99
24) Nitrobenzene	9.586	77	22133	40.466	ng		97
25) Isophorone	10.115	82	39518	34.682	ng		96
26) 2-Nitrophenol	10.303	139	13759	42.495	ng		94
27) 2,4-Dimethylphenol	10.344	122	22946m	42.198	ng		
28) bis(2-Chloroethoxy)met...	10.585	93	20597	40.901	ng	#	96
29) 2,4-Dichlorophenol	10.837	162	29271	37.925	ng		99
30) 1,2,4-Trichlorobenzene	11.067	180	35497	35.380	ng		97
31) Naphthalene	11.260	128	69638	34.756	ng		99
32) Benzoic acid	10.467	122	17734	39.187	ng		93
33) 4-Chloroaniline	11.349	127	8545	9.948	ng		97
34) Hexachlorobutadiene	11.537	225	31454	33.347	ng		91
35) Caprolactam	12.118	113	6839m	31.804	ng		
36) 4-Chloro-3-methylphenol	12.441	107	26246	36.266	ng		96
37) 2-Methylnaphthalene	12.835	142	59216	33.452	ng		97
38) 1-Methylnaphthalene	13.052	142	54950	31.864	ng		100
40) 1,2,4,5-Tetrachloroben...	13.193	216	54440	39.267	ng		99
41) Hexachlorocyclopentadiene	13.170	237	72090	91.656	ng		99
43) 2,4,6-Trichlorophenol	13.423	196	33994	41.421	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.493	196	37532	40.569	ng		95
46) 1,1'-Biphenyl	13.822	154	87460	39.267	ng		99
47) 2-Chloronaphthalene	13.869	162	68301	37.740	ng		94
48) 2-Nitroaniline	14.057	65	16166	45.470	ng		91
49) Acenaphthylene	14.709	152	106832	36.982	ng		99
50) Dimethylphthalate	14.421	163	97059	34.164	ng		99
51) 2,6-Dinitrotoluene	14.545	165	20579	46.810	ng	#	88
52) Acenaphthene	15.044	154	81894	42.228	ng		94
53) 3-Nitroaniline	14.874	138	8962	20.041	ng		97
54) 2,4-Dinitrophenol	15.074	184	28186	86.240	ng	#	78
55) Dibenzofuran	15.373	168	118186	36.240	ng		97
56) 4-Nitrophenol	15.156	139	29626	82.675	ng		95
57) 2,4-Dinitrotoluene	15.326	165	28722	43.281	ng		96
58) Fluorene	16.020	166	93313	35.003	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.591	232	41614	39.374	ng		99
60) Diethylphthalate	15.773	149	91908	33.099	ng		98
61) 4-Chlorophenyl-phenyle...	16.002	204	66241	36.474	ng		98
62) 4-Nitroaniline	16.031	138	17600	36.141	ng		95
63) Azobenzene	16.296	77	65303	38.639	ng		95
65) 4,6-Dinitro-2-methylph...	16.084	198	19507	44.896	ng		93
66) n-Nitrosodiphenylamine	16.213	169	86441	36.267	ng		99
67) 4-Bromophenyl-phenylether	16.895	248	49140	36.871	ng		92
68) Hexachlorobenzene	17.024	284	59412	36.191	ng		95
69) Atrazine	17.148	200	42011	38.927	ng		97
70) Pentachlorophenol	17.359	266	75787	80.753	ng		96
71) Phenanthrene	17.759	178	173681	36.438	ng		99
72) Anthracene	17.853	178	168992	35.837	ng		99
73) Carbazole	18.111	167	135594	34.864	ng		99
74) Di-n-butylphthalate	18.646	149	150711	33.322	ng		99
75) Fluoranthene	19.751	202	247054	37.015	ng		99
77) Benzidine	19.909	184	80942	50.808	ng		99
78) Pyrene	20.109	202	240908	43.888	ng		98
80) Butylbenzylphthalate	20.973	149	59935	38.533	ng		99
81) Benzo(a)anthracene	22.007	228	252745	39.594	ng		99
82) 3,3'-Dichlorobenzidine	21.901	252	42845	18.655	ng		99
83) Chrysene	22.077	228	232920	38.933	ng		99
84) Bis(2-ethylhexyl)phtha...	21.883	149	85184	36.862	ng		97
85) Di-n-octyl phthalate	23.194	149	143216	36.535	ng		100
87) Indeno(1,2,3-cd)pyrene	29.563	276	322727	36.990	ng		100
88) Benzo(b)fluoranthene	24.410	252	286133	40.749	ng		98
89) Benzo(k)fluoranthene	24.486	252	256931m	36.674	ng		
90) Benzo(a)pyrene	25.362	252	245073	41.289	ng		99
91) Dibenzo(a,h)anthracene	29.645	278	261373	35.792	ng		98
92) Benzo(g,h,i)perylene	30.832	276	261157	36.988	ng		96

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

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