Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041222\
Data File : BG053121.D
Acq On : 12 Apr 2022 15:59
Operator : CG/JU
Sample : N2364-02MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-01-COMPMS

Manual Integrations APPROVED
Reviewed By :Christian Giraldo
04/13/2022
Supervised By :Jagrut Upadhyay
04/13/2022

Quant Time: Apr 13 06:13:24 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 08 15:31:24 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.123	152	38802	20.000	ng		0.00
21) Naphthalene-d8	10.931	136	152214	20.000	ng		0.00
39) Acenaphthene-d10	14.743	164	111328	20.000	ng		0.00
64) Phenanthrene-d10	17.486	188	249566	20.000	ng		0.00
76) Chrysene-d12	21.769	240	239622	20.000	ng		0.00
86) Perylene-d12	25.070	264	248440	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.691	112	291215	128.652	ng		0.00
7) Phenol-d6	7.283	99	418340	119.845	ng		0.00
23) Nitrobenzene-d5	9.286	82	288919	77.070	ng		0.00
42) 2,4,6-Tribromophenol	16.229	330	195748	110.518	ng		0.00
45) 2-Fluorobiphenyl	13.368	172	613493	75.987	ng		0.00
79) Terphenyl-d14	20.089	244	984213	69.369	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.570	88	42447	39.267	ng		92
3) Pyridine	3.969	79	109146	38.282	ng	#	86
4) n-Nitrosodimethylamine	3.881	42	67471	47.789	ng		82
6) Aniline	7.441	93	163665	40.456	ng		95
8) 2-Chlorophenol	7.688	128	126209	51.646	ng		95
9) Benzaldehyde	7.253	77	99872m	47.865	ng		
10) Phenol	7.312	94	171755	49.431	ng		88
11) bis(2-Chloroethyl)ether	7.529	93	116721	46.601	ng		92
12) 1,3-Dichlorobenzene	8.011	146	132189	46.551	ng		92
13) 1,4-Dichlorobenzene	8.158	146	136336	47.094	ng		97
14) 1,2-Dichlorobenzene	8.475	146	130746	46.834	ng		95
15) Benzyl Alcohol	8.358	79	144017	46.417	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.645	45	187307	44.793	ng		98
17) 2-Methylphenol	8.563	107	118162	50.254	ng		96
18) Hexachloroethane	9.209	117	49605	45.693	ng		96
19) n-Nitroso-di-n-propyla...	8.922	70	114028	44.620	ng	#	94
20) 3+4-Methylphenols	8.892	107	157363	47.410	ng		94
22) Acetophenone	8.939	105	198820	47.082	ng	#	95
24) Nitrobenzene	9.327	77	171530	47.042	ng		95
25) Isophorone	9.850	82	307774	48.302	ng	#	98
26) 2-Nitrophenol	10.044	139	70519	46.250	ng		93
27) 2,4-Dimethylphenol	10.096	122	123644	56.621	ng		92
28) bis(2-Chloroethoxy)met...	10.326	93	162377	45.360	ng	#	97
29) 2,4-Dichlorophenol	10.578	162	133597	48.665	ng		97
30) 1,2,4-Trichlorobenzene	10.795	180	141611	45.577	ng		97
31) Naphthalene	10.983	128	383640	47.241	ng		99
32) Benzoic acid	10.249	122	72503	50.788	ng	#	89
33) 4-Chloroaniline	11.083	127	82417	23.699	ng		97
34) Hexachlorobutadiene	11.271	225	101274	43.879	ng		96
35) Caprolactam	11.853	113	41384m	42.767	ng		
36) 4-Chloro-3-methylphenol	12.205	107	148490	46.461	ng		89
37) 2-Methylnaphthalene	12.581	142	274665	45.708	ng		97
38) 1-Methylnaphthalene	12.799	142	265606	45.282	ng	#	95
40) 1,2,4,5-Tetrachloroben...	12.951	216	174859	46.245	ng		98
41) Hexachlorocyclopentadiene	12.928	237	226306	115.943	ng		95
43) 2,4,6-Trichlorophenol	13.180	196	119756	45.937	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.257	196	128682	46.322	ng		96
46) 1,1'-Biphenyl	13.580	154	379407	47.324	ng		97
47) 2-Chloronaphthalene	13.621	162	297705	46.544	ng		96
48) 2-Nitroaniline	13.821	65	109665	45.179	ng		95
49) Acenaphthylene	14.467	152	488646	48.803	ng		98
50) Dimethylphthalate	14.191	163	390198	43.821	ng		99
51) 2,6-Dinitrotoluene	14.308	165	83552	44.978	ng		89
52) Acenaphthene	14.808	154	358396m	52.782	ng		
53) 3-Nitroaniline	14.637	138	53901	27.441	ng		89
54) 2,4-Dinitrophenol	14.849	184	112986	95.591	ng	#	88
55) Dibenzofuran	15.143	168	464377	43.677	ng		96
56) 4-Nitrophenol	14.955	139	136040	90.809	ng	#	76
57) 2,4-Dinitrotoluene	15.096	165	117195	44.313	ng	#	85
58) Fluorene	15.789	166	378157	44.037	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.366	232	119892	44.441	ng		100
60) Diethylphthalate	15.548	149	396442	42.493	ng		99
61) 4-Chlorophenyl-phenyle...	15.777	204	211703	43.490	ng		97
62) 4-Nitroaniline	15.800	138	84456	40.746	ng	#	79
63) Azobenzene	16.071	77	408260	43.403	ng		99
65) 4,6-Dinitro-2-methylph...	15.865	198	76090	43.701	ng		97
66) n-Nitrosodiphenylamine	15.988	169	337443	47.019	ng		96
67) 4-Bromophenyl-phenylether	16.670	248	148884	46.558	ng		97
68) Hexachlorobenzene	16.799	284	162855	47.026	ng		96
69) Atrazine	16.934	200	141528	50.485	ng		95
70) Pentachlorophenol	17.140	266	192950	101.946	ng		90
71) Phenanthrene	17.528	178	632357	46.389	ng		98
72) Anthracene	17.622	178	640135	47.400	ng		100
73) Carbazole	17.886	167	572104	43.580	ng		100
74) Di-n-butylphthalate	18.432	149	655199	44.007	ng		98
75) Fluoranthene	19.531	202	759985	43.493	ng		99
77) Benzidine	19.707	184	431258	63.079	ng		99
78) Pyrene	19.895	202	756482	44.327	ng		99
80) Butylbenzylphthalate	20.770	149	287540	45.193	ng		98
81) Benzo(a)anthracene	21.751	228	766290	46.772	ng		99
82) 3,3'-Dichlorobenzidine	21.657	252	158052	26.231	ng		100
83) Chrysene	21.822	228	690714	45.426	ng		99
84) Bis(2-ethylhexyl)phtha...	21.640	149	399130	46.410	ng		98
85) Di-n-octyl phthalate	22.879	149	676867	47.059	ng		97
87) Indeno(1,2,3-cd)pyrene	28.848	276	842331	45.636	ng	#	97
88) Benzo(b)fluoranthene	24.025	252	774415	49.404	ng		99
89) Benzo(k)fluoranthene	24.089	252	737953	47.901	ng		99
90) Benzo(a)pyrene	24.918	252	742020	55.566	ng		99
91) Dibenzo(a,h)anthracene	28.912	278	731064	48.123	ng		99
92) Benzo(g,h,i)perylene	30.034	276	719135	48.027	ng		100

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

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