Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021323\
Data File : BG056623.D
Acq On : 13 Feb 2023 17:24
Operator : CG/JU
Sample : 01529-05MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-01-5.0-7.0MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

Quant Time: Feb 14 02:07:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 10 22:46:08 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.211	152	40167	20.000	ng	0.00
21) Naphthalene-d8	11.043	136	146415	20.000	ng	0.00
39) Acenaphthene-d10	14.838	164	107092	20.000	ng	0.00
64) Phenanthrene-d10	17.582	188	250357	20.000	ng	0.00
76) Chrysene-d12	21.865	240	227593	20.000	ng	0.00
86) Perylene-d12	25.238	264	251172	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.737	112	252577	115.676	ng	0.00
7) Phenol-d6	7.370	99	346665	107.154	ng	0.00
23) Nitrobenzene-d5	9.386	82	186070	72.165	ng	0.00
42) 2,4,6-Tribromophenol	16.325	330	146013	102.557	ng	0.00
45) 2-Fluorobiphenyl	13.463	172	563122	72.902	ng	0.00
79) Terphenyl-d14	20.155	244	899231	69.395	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.504	88	36401	40.037	ng	# 94
3) Pyridine	3.927	79	98584	36.375	ng	97
4) n-Nitrosodimethylamine	3.845	42	23863	41.403	ng	94
6) Aniline	7.523	93	81733	19.296	ng	95
8) 2-Chlorophenol	7.776	128	120690	50.315	ng	99
9) Benzaldehyde	7.335	77	60654m	41.543	ng	
10) Phenol	7.400	94	157503	47.900	ng	99
11) bis(2-Chloroethyl)ether	7.617	93	101539	44.926	ng	95
12) 1,3-Dichlorobenzene	8.099	146	139116	50.372	ng	97
13) 1,4-Dichlorobenzene	8.246	146	138509	49.523	ng	99
14) 1,2-Dichlorobenzene	8.569	146	134628	49.612	ng	98
15) Benzyl Alcohol	8.451	79	95355m	42.959	ng	
16) 2,2'-oxybis(1-Chloropr...	8.739	45	21882	45.694	ng	96
17) 2-Methylphenol	8.663	107	109556	43.795	ng	97
18) Hexachloroethane	9.303	117	42014	49.666	ng	96
19) n-Nitroso-di-n-propyla...	9.015	70	74127	39.759	ng	98
20) 3+4-Methylphenols	8.992	107	148266	42.293	ng	97
22) Acetophenone	9.039	105	177501	45.627	ng	98
24) Nitrobenzene	9.433	77	114957	46.222	ng	98
25) Isophorone	9.950	82	221191	41.583	ng	99
26) 2-Nitrophenol	10.149	139	73168	48.488	ng	98
27) 2,4-Dimethylphenol	10.202	122	125612m	49.740	ng	
28) bis(2-Chloroethoxy)met...	10.426	93	133638	45.477	ng	98
29) 2,4-Dichlorophenol	10.696	162	140370	49.380	ng	98
30) 1,2,4-Trichlorobenzene	10.902	180	159158	50.384	ng	97
31) Naphthalene	11.095	128	423344	54.781	ng	99
32) Benzoic acid	10.373	122	39900m	28.240	ng	
33) 4-Chloroaniline	11.207	127	53350m	14.790	ng	
34) Hexachlorobutadiene	11.360	225	112961	50.944	ng	99
35) Caprolactam	11.983	113	38950m	40.628	ng	
36) 4-Chloro-3-methylphenol	12.323	107	122347	44.567	ng	98
37) 2-Methylnaphthalene	12.682	142	297054	46.626	ng	97
38) 1-Methylnaphthalene	12.899	142	268915	45.195	ng	99
40) 1,2,4,5-Tetrachloroben...	13.046	216	209043	53.430	ng	99
41) Hexachlorocyclopentadiene	13.017	237	123505	61.178	ng	99
43) 2,4,6-Trichlorophenol	13.287	196	125505	49.779	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.375	196	132186	44.779	ng	99
46) 1,1'-Biphenyl	13.675	154	395960	50.976	ng	100
47) 2-Chloronaphthalene	13.728	162	313801	51.685	ng	100
48) 2-Nitroaniline	13.927	65	59760	47.613	ng	94
49) Acenaphthylene	14.568	152	476815	48.270	ng	99
50) Dimethylphthalate	14.280	163	384447	44.373	ng	99
51) 2,6-Dinitrotoluene	14.415	165	84627	44.790	ng	99
52) Acenaphthene	14.903	154	373634	63.784	ng	99
53) 3-Nitroaniline	14.744	138	50568	27.606	ng	98
54) 2,4-Dinitrophenol	14.967	184	85250m	71.970	ng	
55) Dibenzofuran	15.238	168	567277	53.999	ng	100
56) 4-Nitrophenol	15.073	139	102402	81.815	ng	98
57) 2,4-Dinitrotoluene	15.208	165	120282	45.195	ng	99
58) Fluorene	15.884	166	495876	59.321	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.467	232	115483	43.999	ng	98
60) Diethylphthalate	15.631	149	354487	43.572	ng	99
61) 4-Chlorophenyl-phenyle...	15.860	204	235382	46.146	ng	97
62) 4-Nitroaniline	15.907	138	72445	39.525	ng	98
63) Azobenzene	16.154	77	273169	48.798	ng	99
65) 4,6-Dinitro-2-methylph...	15.972	198	67785	38.511	ng	99
66) n-Nitrosodiphenylamine	16.078	169	346605	48.898	ng	98
67) 4-Bromophenyl-phenylether	16.753	248	154760	48.287	ng	98
68) Hexachlorobenzene	16.889	284	162273	51.695	ng	98
69) Atrazine	17.018	200	142486	52.105	ng	95
70) Pentachlorophenol	17.235	266	114122	60.083	ng	96
71) Phenanthrene	17.629	178	1677289	128.006	ng	99
72) Anthracene	17.717	178	958230	71.240	ng	99
73) Carbazole	17.981	167	671616	58.626	ng	100
74) Di-n-butylphthalate	18.504	149	553529	46.017	ng	100
75) Fluoranthene	19.621	202	2001915	121.051	ng	97
77) Benzidine	19.785	184	295733	48.017	ng	99
78) Pyrene	19.985	202	1762340	108.875	ng	97
80) Butylbenzylphthalate	20.831	149	228417	46.205	ng	98
81) Benzo(a)anthracene	21.842	228	1394447	87.639	ng	98
82) 3,3'-Dichlorobenzidine	21.742	252	148646	25.942	ng	99
83) Chrysene	21.912	228	1219438	81.576	ng	98
84) Bis(2-ethylhexyl)phtha...	21.695	149	331968	46.838	ng	98
85) Di-n-octyl phthalate	22.946	149	554141	46.948	ng	99
87) Indeno(1,2,3-cd)pyrene	29.145	276	1184418	64.419	ng	99
88) Benzo(b)fluoranthene	24.168	252	1409465	90.408	ng	99
89) Benzo(k)fluoranthene	24.233	252	1008458	64.069	ng	98
90) Benzo(a)pyrene	25.085	252	1171230	76.267	ng	99
91) Dibenzo(a,h)anthracene	29.192	278	834496	54.071	ng	99
92) Benzo(g,h,i)perylene	30.367	276	981889	65.936	ng	98

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

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