Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012623\
Data File : BG056439.D
Acq On : 26 Jan 2023 12:20
Operator : CG/JU
Sample : 01260-02MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 27 00:57:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 25 04:54:56 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
TP-21MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.297	152	36046	20.000	ng		0.00
21) Naphthalene-d8	11.129	136	130472	20.000	ng		0.00
39) Acenaphthene-d10	14.913	164	95321	20.000	ng		0.00
64) Phenanthrene-d10	17.651	188	248187	20.000	ng		0.00
76) Chrysene-d12	21.946	240	261508	20.000	ng	#	0.00
86) Perylene-d12	25.377	264	290111	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.824	112	298021	147.621	ng		0.01
7) Phenol-d6	7.446	99	378550	122.100	ng		0.01
23) Nitrobenzene-d5	9.473	82	224089	87.854	ng		0.00
42) 2,4,6-Tribromophenol	16.394	330	201387	166.818	ng		0.00
45) 2-Fluorobiphenyl	13.538	172	701880	101.680	ng		0.00
79) Terphenyl-d14	20.225	244	1439613	98.598	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.632	88	34309	37.207	ng	#	75
3) Pyridine	4.061	79	48080	17.119	ng		94
4) n-Nitrosodimethylamine	3.955	42	22794	39.898	ng	#	92
6) Aniline	7.610	93	60610	14.907	ng		95
8) 2-Chlorophenol	7.857	128	110878	55.192	ng		94
9) Benzaldehyde	7.422	77	47500m	25.767	ng		
10) Phenol	7.475	94	134913	42.909	ng		92
11) bis(2-Chloroethyl)ether	7.698	93	96751	45.408	ng		97
12) 1,3-Dichlorobenzene	8.186	146	117607m	48.101	ng		
13) 1,4-Dichlorobenzene	8.333	146	118176	48.132	ng		99
14) 1,2-Dichlorobenzene	8.656	146	116936	49.360	ng		98
15) Benzyl Alcohol	8.538	79	93676	41.516	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.820	45	20887	55.473	ng	#	77
17) 2-Methylphenol	8.738	107	105153	45.578	ng		96
18) Hexachloroethane	9.396	117	35724	47.896	ng		94
19) n-Nitroso-di-n-propyla...	9.097	70	73451	38.960	ng	#	94
20) 3+4-Methylphenols	9.061	107	143062	44.105	ng		95
22) Acetophenone	9.126	105	172518	46.764	ng	#	98
24) Nitrobenzene	9.514	77	109199	43.200	ng		92
25) Isophorone	10.037	82	224219	41.780	ng	#	93
26) 2-Nitrophenol	10.230	139	66455	51.383	ng		97
27) 2,4-Dimethylphenol	10.277	122	121969m	51.706	ng		
28) bis(2-Chloroethoxy)met...	10.512	93	130469	46.775	ng		97
29) 2,4-Dichlorophenol	10.771	162	137313	52.652	ng		97
30) 1,2,4-Trichlorobenzene	10.988	180	140862	47.597	ng		99
31) Naphthalene	11.182	128	332488	48.421	ng		100
32) Benzoic acid	10.401	122	15271m	8.725	ng		
33) 4-Chloroaniline	11.282	127	51385	15.674	ng		95
34) Hexachlorobutadiene	11.453	225	96213	45.202	ng		97
35) Caprolactam	12.070	113	30440m	34.475	ng		
36) 4-Chloro-3-methylphenol	12.387	107	125641	47.478	ng		96
37) 2-Methylnaphthalene	12.763	142	256169	44.183	ng		99
38) 1-Methylnaphthalene	12.980	142	235502	43.741	ng		100
40) 1,2,4,5-Tetrachloroben...	13.121	216	182680	51.134	ng		99
41) Hexachlorocyclopentadiene	13.098	237	203153	99.740	ng		96
43) 2,4,6-Trichlorophenol	13.356	196	130656	55.307	ng		99

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44)	2,4,5-Trichlorophenol	13.438	196	143257	51.264	ng		99
46)	1,1'-Biphenyl	13.750	154	363257	53.212	ng		99
47)	2-Chloronaphthalene	13.797	162	285000	52.892	ng		98
48)	2-Nitroaniline	13.997	65	61479	53.551	ng		96
49)	Acenaphthylene	14.643	152	434295	49.529	ng		99
50)	Dimethylphthalate	14.355	163	383238	49.804	ng		98
51)	2,6-Dinitrotoluene	14.478	165	84304	51.416	ng		93
52)	Acenaphthene	14.978	154	284809m	49.940	ng		
53)	3-Nitroaniline	14.813	138	59050	37.841	ng		91
54)	2,4-Dinitrophenol	15.019	184	47129	40.235	ng	#	92
55)	Dibenzofuran	15.307	168	464265	49.194	ng		97
56)	4-Nitrophenol	15.119	139	118904	99.075	ng		87
57)	2,4-Dinitrotoluene	15.266	165	120595	52.591	ng		89
58)	Fluorene	15.953	166	381321	50.236	ng		98
59)	2,3,4,6-Tetrachlorophenol	15.530	232	135653	51.699	ng	#	94
60)	Diethylphthalate	15.701	149	359833	49.864	ng		99
61)	4-Chlorophenyl-phenyle...	15.936	204	229055	48.354	ng		99
62)	4-Nitroaniline	15.971	138	81929	51.255	ng		94
63)	Azobenzene	16.229	77	276934	49.730	ng		98
65)	4,6-Dinitro-2-methylph...	16.030	198	56660	33.885	ng		96
66)	n-Nitrosodiphenylamine	16.147	169	349108	50.698	ng		97
67)	4-Bromophenyl-phenylether	16.829	248	160672	50.839	ng		99
68)	Hexachlorobenzene	16.958	284	160020	54.270	ng		97
69)	Atrazine	17.087	200	153516	53.793	ng		96
70)	Pentachlorophenol	17.299	266	170195	75.141	ng		96
71)	Phenanthrene	17.692	178	660041	51.318	ng		98
72)	Anthracene	17.786	178	673502	50.762	ng		100
73)	Carbazole	18.051	167	589597	52.867	ng		99
74)	Di-n-butylphthalate	18.574	149	610851	54.945	ng		99
75)	Fluoranthene	19.684	202	823118	49.062	ng		98
77)	Benzidine	19.849	184	122323	13.348	ng		98
78)	Pyrene	20.043	202	864670	46.911	ng		99
80)	Butylbenzylphthalate	20.900	149	270261	51.108	ng		97
81)	Benzo(a)anthracene	21.923	228	906471	49.352	ng		99
82)	3,3'-Dichlorobenzidine	21.823	252	246568	37.291	ng		100
83)	Chrysene	21.993	228	843850	49.047	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.782	149	396102	51.992	ng		99
85)	Di-n-octyl phthalate	23.057	149	679640	52.843	ng		100
87)	Indeno(1,2,3-cd)pyrene	29.337	276	1073971	50.902	ng		99
88)	Benzo(b)fluoranthene	24.279	252	935131	50.732	ng		100
89)	Benzo(k)fluoranthene	24.355	252	928475	50.584	ng		99
90)	Benzo(a)pyrene	25.219	252	828109	46.062	ng	#	98
91)	Dibenzo(a,h)anthracene	29.402	278	906004	51.218	ng		98
92)	Benzo(g,h,i)perylene	30.583	276	879118	51.249	ng		99

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

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