Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111921\
Data File : BG051121.D
Acq On : 19 Nov 2021 12:15
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 19 13:45:36 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 19 13:43:23 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 11/19/2021
Supervised By :Sohil Jodhani 11/30/2021

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.207	152	23336	20.000	ng		0.00
21) Naphthalene-d8	11.033	136	104827	20.000	ng	#	0.00
39) Acenaphthene-d10	14.840	164	74979	20.000	ng		0.00
64) Phenanthrene-d10	17.584	188	170617	20.000	ng	#	0.00
76) Chrysene-d12	21.885	240	158311	20.000	ng	#	0.00
86) Perylene-d12	25.281	264	160789	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.745	112	62627	40.146	ng		0.00
7) Phenol-d6	7.361	99	89222	40.521	ng		0.00
23) Nitrobenzene-d5	9.382	82	94025	39.705	ng		0.00
42) 2,4,6-Tribromophenol	16.327	330	31644	42.173	ng		0.00
45) 2-Fluorobiphenyl	13.460	172	203021	42.783	ng		0.00
79) Terphenyl-d14	20.169	244	360929	43.416	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.589	88	13310	17.609	ng		95
3) Pyridine	4.006	79	40024	19.325	ng		89
4) n-Nitrosodimethylamine	3.924	42	17118	18.633	ng	#	41
6) Aniline	7.525	93	52785	20.129	ng		98
8) 2-Chlorophenol	7.772	128	33472	20.890	ng		92
9) Benzaldehyde	7.343	77	30620	19.325	ng	#	89
10) Phenol	7.390	94	46768	20.682	ng	#	80
11) bis(2-Chloroethyl)ether	7.619	93	34256	19.660	ng		89
12) 1,3-Dichlorobenzene	8.095	146	35017	20.065	ng		95
13) 1,4-Dichlorobenzene	8.242	146	36566	20.817	ng		96
14) 1,2-Dichlorobenzene	8.565	146	35430	20.768	ng		95
15) Benzyl Alcohol	8.448	79	34990	20.204	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.724	45	50394	18.042	ng		89
17) 2-Methylphenol	8.648	107	31421	20.869	ng	#	91
18) Hexachloroethane	9.294	117	13685	20.525	ng		91
19) n-Nitroso-di-n-propyla...	9.012	70	32767	20.138	ng		87
20) 3+4-Methylphenols	8.983	107	44053	20.734	ng		92
22) Acetophenone	9.035	105	57417	19.707	ng		93
24) Nitrobenzene	9.429	77	45944	19.679	ng		93
25) Isophorone	9.946	82	83543	19.519	ng	#	95
26) 2-Nitrophenol	10.146	139	20280	20.438	ng	#	81
27) 2,4-Dimethylphenol	10.193	122	29379m	19.425	ng		
28) bis(2-Chloroethoxy)met...	10.422	93	49608	19.498	ng		92
29) 2,4-Dichlorophenol	10.681	162	33646	20.806	ng		96
30) 1,2,4-Trichlorobenzene	10.892	180	38064	21.011	ng	#	92
31) Naphthalene	11.086	128	111139	19.745	ng		98
32) Benzoic acid	10.322	122	16503	14.158	ng	#	88
33) 4-Chloroaniline	11.198	127	48317	20.317	ng		94
34) Hexachlorobutadiene	11.350	225	23887	21.670	ng		96
35) Caprolactam	11.961	113	9147	20.804	ng	#	79
36) 4-Chloro-3-methylphenol	12.302	107	41635	20.637	ng		89
37) 2-Methylnaphthalene	12.678	142	79596	20.810	ng		94
38) 1-Methylnaphthalene	12.896	142	77374	20.700	ng		92
40) 1,2,4,5-Tetrachloroben...	13.037	216	45733	20.937	ng	#	96
41) Hexachlorocyclopentadiene	13.007	237	5842	7.854	ng		96
43) 2,4,6-Trichlorophenol	13.283	196	31902	20.471	ng		94

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.360	196	33301	20.036	ng		90
46)	1,1'-Biphenyl	13.671	154	108376	19.794	ng		94
47)	2-Chloronaphthalene	13.724	162	86688	20.193	ng		96
48)	2-Nitroaniline	13.924	65	30982	18.846	ng		88
49)	Acenaphthylene	14.564	152	137798	19.847	ng		98
50)	Dimethylphthalate	14.276	163	116748	19.790	ng		100
51)	2,6-Dinitrotoluene	14.412	165	24542	20.213	ng	#	77
52)	Acenaphthene	14.899	154	79119	19.557	ng		90
53)	3-Nitroaniline	14.746	138	27228	19.188	ng		91
54)	2,4-Dinitrophenol	14.964	184	11011	16.584	ng	#	79
55)	Dibenzofuran	15.234	168	140246	20.382	ng		96
56)	4-Nitrophenol	15.058	139	18353	16.906	ng	#	77
57)	2,4-Dinitrotoluene	15.205	165	34655	20.117	ng	#	89
58)	Fluorene	15.880	166	110463	20.565	ng		100
59)	2,3,4,6-Tetrachlorophenol	15.463	232	29705	20.985	ng	#	96
60)	Diethylphthalate	15.628	149	124817	20.163	ng		97
61)	4-Chlorophenyl-phenyle...	15.863	204	59039	20.349	ng		97
62)	4-Nitroaniline	15.904	138	29938	20.297	ng	#	64
63)	Azobenzene	16.157	77	124457	18.972	ng	#	81
65)	4,6-Dinitro-2-methylph...	15.969	198	20790	19.696	ng		88
66)	n-Nitrosodiphenylamine	16.080	169	99168	20.239	ng		98
67)	4-Bromophenyl-phenylether	16.762	248	37547	21.009	ng		95
68)	Hexachlorobenzene	16.885	284	37667	21.412	ng		100
69)	Atrazine	17.020	200	25737	21.126	ng		98
70)	Pentachlorophenol	17.238	266	15945	15.972	ng		97
71)	Phenanthrene	17.625	178	187856	20.642	ng		95
72)	Anthracene	17.719	178	188146	20.787	ng		98
73)	Carbazole	17.990	167	183736	20.498	ng		99
74)	Di-n-butylphthalate	18.513	149	221759	20.881	ng	#	96
75)	Fluoranthene	19.629	202	231315	20.717	ng		95
77)	Benzidine	19.805	184	46420	15.512	ng		99
78)	Pyrene	19.993	202	237328	19.983	ng		97
80)	Butylbenzylphthalate	20.851	149	98820	19.358	ng		95
81)	Benzo(a)anthracene	21.862	228	221930	20.416	ng		100
82)	3,3'-Dichlorobenzidine	21.768	252	100269	20.169	ng	#	95
83)	Chrysene	21.932	228	206913	20.178	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.726	149	139709	19.436	ng		97
85)	Di-n-octyl phthalate	22.990	149	237586	19.635	ng		99
87)	Indeno(1,2,3-cd)pyrene	29.188	276	233996	20.503	ng	#	97
88)	Benzo(b)fluoranthene	24.194	252	205232	20.278	ng	#	92
89)	Benzo(k)fluoranthene	24.265	252	200440	19.857	ng	#	97
90)	Benzo(a)pyrene	25.117	252	174862	20.237	ng	#	92
91)	Dibenzo(a,h)anthracene	29.253	278	192095	20.444	ng	#	92
92)	Benzo(g,h,i)perylene	30.416	276	188797	20.417	ng	#	92

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

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