Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112021\
Data File : BG051152.D
Acq On : 20 Nov 2021 17:56
Operator : CG/JU
Sample : M4736-02MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-202MS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 11/22/2021
Supervised By :mohammad ahmed 11/24/2021

Quant Time: Nov 22 01:24:05 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 16:26:22 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.201	152	24400	20.000	ng	-0.01
21) Naphthalene-d8	11.033	136	98541	20.000	ng	# 0.00
39) Acenaphthene-d10	14.834	164	66733	20.000	ng	0.00
64) Phenanthrene-d10	17.584	188	161239	20.000	ng	# 0.00
76) Chrysene-d12	21.885	240	159465	20.000	ng	# 0.00
86) Perylene-d12	25.287	264	161018	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.745	112	236293	149.702	ng	0.00
7) Phenol-d6	7.361	99	299078	134.530	ng	0.00
23) Nitrobenzene-d5	9.382	82	205842	95.355	ng	0.00
42) 2,4,6-Tribromophenol	16.327	330	112433	158.516	ng	0.00
45) 2-Fluorobiphenyl	13.459	172	408913	92.464	ng	0.00
79) Terphenyl-d14	20.175	244	793903	91.013	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.589	88	27885	42.131	ng	# 40
3) Pyridine	4.012	79	22794	11.576	ng	91
4) n-Nitrosodimethylamine	3.912	42	41912	49.507	ng	# 36
6) Aniline	7.525	93	48722	18.449	ng	97
8) 2-Chlorophenol	7.766	128	84897	51.248	ng	93
9) Benzaldehyde	7.337	77	56621	35.202	ng	91
10) Phenol	7.390	94	116138	50.890	ng	81
11) bis(2-Chloroethyl)ether	7.613	93	83182	48.212	ng	91
12) 1,3-Dichlorobenzene	8.089	146	81789	46.149	ng	94
13) 1,4-Dichlorobenzene	8.242	146	83823	45.623	ng	95
14) 1,2-Dichlorobenzene	8.559	146	81991	47.044	ng	96
15) Benzyl Alcohol	8.448	79	88306	49.716	ng	88
16) 2,2'-oxybis(1-Chloropr...	8.718	45	118915	47.679	ng	86
17) 2-Methylphenol	8.647	107	77152	50.076	ng	# 91
18) Hexachloroethane	9.294	117	31945	46.529	ng	96
19) n-Nitroso-di-n-propyla...	9.006	70	73919	45.045	ng	# 87
20) 3+4-Methylphenols	8.976	107	105291	47.953	ng	92
22) Acetophenone	9.035	105	128337	48.208	ng	# 94
24) Nitrobenzene	9.423	77	108530	51.841	ng	93
25) Isophorone	9.940	82	189908	48.866	ng	# 95
26) 2-Nitrophenol	10.140	139	47946	50.591	ng	# 89
27) 2,4-Dimethylphenol	10.187	122	81578	58.318	ng	92
28) bis(2-Chloroethoxy)met...	10.416	93	109421	47.282	ng	96
29) 2,4-Dichlorophenol	10.680	162	82595	52.316	ng	95
30) 1,2,4-Trichlorobenzene	10.892	180	84586	47.698	ng	95
31) Naphthalene	11.080	128	250703	48.214	ng	99
32) Benzoic acid	10.345	122	53086	53.472	ng	87
33) 4-Chloroaniline	11.203	127	16166	7.234	ng	97
34) Hexachlorobutadiene	11.344	225	52170	47.648	ng	94
35) Caprolactam	11.973	113	26080m	61.855	ng	
36) 4-Chloro-3-methylphenol	12.308	107	99461	51.024	ng	93
37) 2-Methylnaphthalene	12.672	142	180830	49.086	ng	94
38) 1-Methylnaphthalene	12.889	142	165766	46.090	ng	92
40) 1,2,4,5-Tetrachloroben...	13.036	216	97765	48.204	ng	98
41) Hexachlorocyclopentadiene	13.007	237	78310	131.557	ng	92
43) 2,4,6-Trichlorophenol	13.277	196	72094	51.556	ng	94

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.359	196	79092	52.330	ng		91
46)	1,1'-Biphenyl	13.671	154	228260	47.584	ng		95
47)	2-Chloronaphthalene	13.718	162	185607	48.873	ng		99
48)	2-Nitroaniline	13.924	65	71868	52.358	ng		88
49)	Acenaphthylene	14.564	152	302916	50.028	ng		95
50)	Dimethylphthalate	14.282	163	258630	50.305	ng		99
51)	2,6-Dinitrotoluene	14.411	165	57689	53.722	ng	#	81
52)	Acenaphthene	14.899	154	175843	49.759	ng		94
53)	3-Nitroaniline	14.746	138	31214	25.949	ng		84
54)	2,4-Dinitrophenol	14.963	184	78316	129.423	ng	#	80
55)	Dibenzofuran	15.234	168	291433	47.487	ng		95
56)	4-Nitrophenol	15.063	139	104904	123.972	ng	#	73
57)	2,4-Dinitrotoluene	15.204	165	84201	54.742	ng		91
58)	Fluorene	15.880	166	242441	50.315	ng		98
59)	2,3,4,6-Tetrachlorophenol	15.463	232	69053	53.217	ng	#	99
60)	Diethylphthalate	15.633	149	276892	51.071	ng		97
61)	4-Chlorophenyl-phenyle...	15.862	204	129201	49.048	ng		96
62)	4-Nitroaniline	15.915	138	66988	52.075	ng	#	64
63)	Azobenzene	16.156	77	273161	50.308	ng	#	81
65)	4,6-Dinitro-2-methylph...	15.968	198	51845	53.841	ng		91
66)	n-Nitrosodiphenylamine	16.086	169	224628	48.547	ng		98
67)	4-Bromophenyl-phenylether	16.761	248	83537	47.902	ng		94
68)	Hexachlorobenzene	16.885	284	84905	47.901	ng		95
69)	Atrazine	17.026	200	101112	82.168	ng		99
70)	Pentachlorophenol	17.237	266	105530	130.961	ng		98
71)	Phenanthrene	17.631	178	435316	50.230	ng		98
72)	Anthracene	17.719	178	441450	51.347	ng		99
73)	Carbazole	17.989	167	427970	50.608	ng		99
74)	Di-n-butylphthalate	18.518	149	524129	51.194	ng	#	96
75)	Fluoranthene	19.629	202	563934	52.782	ng		96
77)	Benzidine	19.805	184	37513	14.326	ng		96
78)	Pyrene	19.993	202	572369	49.492	ng		98
80)	Butylbenzylphthalate	20.851	149	244966	49.686	ng		97
81)	Benzo(a)anthracene	21.867	228	536590	49.341	ng		99
82)	3,3'-Dichlorobenzidine	21.773	252	102290	21.048	ng	#	98
83)	Chrysene	21.938	228	512812	50.220	ng		96
84)	Bis(2-ethylhexyl)phtha...	21.726	149	345370	50.289	ng		99
85)	Di-n-octyl phthalate	22.995	149	590913	51.352	ng		100
87)	Indeno(1,2,3-cd)pyrene	29.212	276	591337	51.172	ng	#	90
88)	Benzo(b)fluoranthene	24.200	252	537148	54.117	ng	#	92
89)	Benzo(k)fluoranthene	24.270	252	515527	51.201	ng	#	97
90)	Benzo(a)pyrene	25.128	252	521685	60.569	ng	#	95
91)	Dibenzo(a,h)anthracene	29.264	278	496506	52.155	ng	#	94
92)	Benzo(g,h,i)perylene	30.445	276	492888	52.349	ng	#	93

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

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