Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040121\
Data File : BG048545.D
Acq On : 1 Apr 2021 15:42
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
4/2/2021 11:05:50 AM

Quant Time: Apr 01 16:24:49 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 01 11:19:59 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.103	152	21850	20.00	ng		0.00
21) Naphthalene-d8	10.930	136	87157	20.00	ng		0.00
39) Acenaphthene-d10	14.754	164	63913	20.00	ng		0.00
64) Phenanthrene-d10	17.504	188	150401	20.00	ng		# 0.00
76) Chrysene-d12	21.805	240	140611	20.00	ng		# 0.00
86) Perylene-d12	25.148	264	147235	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.642	112	102876	83.12	ng		0.00
7) Phenol-d6	7.251	99	144866	80.71	ng		0.00
23) Nitrobenzene-d5	9.273	82	149352	82.96	ng		0.00
42) 2,4,6-Tribromophenol	16.247	330	67902	80.82	ng		0.00
45) 2-Fluorobiphenyl	13.374	172	335333	77.98	ng		0.00
79) Terphenyl-d14	20.119	244	620719	80.73	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.509	88	20756	41.68	ng		96
3) Pyridine	3.914	79	54410	43.59	ng		96
4) n-Nitrosodimethylamine	3.826	42	34388	42.16	ng	#	97
6) Aniline	7.422	93	81224	39.40	ng		98
8) 2-Chlorophenol	7.663	128	57388	41.03	ng		88
9) Benzaldehyde	7.234	77	45345	39.52	ng		95
10) Phenol	7.281	94	70510	39.24	ng		93
11) bis(2-Chloroethyl)ether	7.516	93	50059	40.15	ng		98
12) 1,3-Dichlorobenzene	7.992	146	63704	40.43	ng		93
13) 1,4-Dichlorobenzene	8.139	146	63312	39.85	ng		91
14) 1,2-Dichlorobenzene	8.462	146	60029	39.46	ng		96
15) Benzyl Alcohol	8.338	79	59303	40.33	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.638	45	47998	39.91	ng		93
17) 2-Methylphenol	8.544	107	45707	39.31	ng		85
18) Hexachloroethane	9.202	117	24496	41.50	ng		86
19) n-Nitroso-di-n-propyla...	8.914	70	47766	38.61	ng		90
20) 3+4-Methylphenols	8.867	107	63784	39.52	ng		99
22) Acetophenone	8.932	105	88568	39.41	ng		96
24) Nitrobenzene	9.320	77	74389	42.11	ng		98
25) Isophorone	9.843	82	134055	40.32	ng	#	98
26) 2-Nitrophenol	10.036	139	33683	41.50	ng		96
27) 2,4-Dimethylphenol	10.083	122	51545	40.36	ng		93
28) bis(2-Chloroethoxy)met...	10.324	93	62501	41.02	ng		100
29) 2,4-Dichlorophenol	10.571	162	58331	40.33	ng		93
30) 1,2,4-Trichlorobenzene	10.789	180	67084	40.37	ng		97
31) Naphthalene	10.982	128	178824	39.90	ng		99
32) Benzoic acid	10.219	122	39833	40.54	ng		95
33) 4-Chloroaniline	11.082	127	76885	40.66	ng		98
34) Hexachlorobutadiene	11.264	225	49398	40.70	ng	#	86
35) Caprolactam	11.858	113	20253	38.38	ng	#	77
36) 4-Chloro-3-methylphenol	12.199	107	63990	39.40	ng		99
37) 2-Methylnaphthalene	12.586	142	140781	39.46	ng		98
38) 1-Methylnaphthalene	12.804	142	134196m	39.44	ng		
40) 1,2,4,5-Tetrachloroben...	12.951	216	78479	39.61	ng		97
41) Hexachlorocyclopentadiene	12.927	237	48992	42.69	ng		96
43) 2,4,6-Trichlorophenol	13.180	196	54807	40.25	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.256	196	60333	41.41	ng		93
46) 1,1'-Biphenyl	13.585	154	181628	38.89	ng		99
47) 2-Chloronaphthalene	13.632	162	145349	40.85	ng		95
48) 2-Nitroaniline	13.832	65	44598	39.43	ng		92
49) Acenaphthylene	14.478	152	218444	39.16	ng		97
50) Dimethylphthalate	14.202	163	185861	39.18	ng		99
51) 2,6-Dinitrotoluene	14.320	165	43163	39.77	ng		97
52) Acenaphthene	14.819	154	159265	39.48	ng		98
53) 3-Nitroaniline	14.649	138	43130	40.53	ng	#	92
54) 2,4-Dinitrophenol	14.860	184	24503	40.15	ng	#	87
55) Dibenzofuran	15.154	168	229420	38.94	ng		98
56) 4-Nitrophenol	14.954	139	35490	41.31	ng		87
57) 2,4-Dinitrotoluene	15.107	165	64058	41.73	ng	#	94
58) Fluorene	15.800	166	193148	39.16	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.377	232	59340	41.75	ng		95
60) Diethylphthalate	15.565	149	187988	38.57	ng		97
61) 4-Chlorophenyl-phenyle...	15.789	204	102469	38.61	ng		96
62) 4-Nitroaniline	15.818	138	45031	40.45	ng		91
63) Azobenzene	16.088	77	185223	38.63	ng		96
65) 4,6-Dinitro-2-methylph...	15.871	198	40227	44.51	ng		95
66) n-Nitrosodiphenylamine	16.006	169	172183	40.24	ng		96
67) 4-Bromophenyl-phenylether	16.687	248	67587	40.54	ng		99
68) Hexachlorobenzene	16.805	284	71215	40.91	ng		98
69) Atrazine	16.952	200	68951	39.51	ng		96
70) Pentachlorophenol	17.152	266	45803	42.33	ng		88
71) Phenanthrene	17.551	178	312845	40.07	ng		98
72) Anthracene	17.639	178	314781	40.46	ng		99
73) Carbazole	17.910	167	298679	40.48	ng		97
74) Di-n-butylphthalate	18.462	149	338956	41.12	ng		98
75) Fluoranthene	19.561	202	386246	39.90	ng		96
77) Benzidine	19.737	184	211692	44.46	ng		97
78) Pyrene	19.919	202	384559	39.78	ng		97
80) Butylbenzylphthalate	20.800	149	147016	40.94	ng		92
81) Benzo(a)anthracene	21.782	228	380757	40.53	ng		99
82) 3,3'-Dichlorobenzidine	21.693	252	133026	41.22	ng		95
83) Chrysene	21.852	228	358869	40.03	ng		97
84) Bis(2-ethylhexyl)phtha...	21.682	149	211045	42.19	ng	#	99
85) Di-n-octyl phthalate	22.939	149	361975	41.51	ng		100
87) Indeno(1,2,3-cd)pyrene	28.985	276	416707	40.37	ng	#	73
88) Benzo(b)fluoranthene	24.085	252	391904	40.98	ng	#	98
89) Benzo(k)fluoranthene	24.155	252	363455	39.53	ng		97
90) Benzo(a)pyrene	24.995	252	357221	40.53	ng		98
91) Dibenzo(a,h)anthracene	29.055	278	363340	41.24	ng	#	97
92) Benzo(g,h,i)perylene	30.189	276	354013	41.03	ng		97

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

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