Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041321\
Data File : BG048678.D
Acq On : 13 Apr 2021 17:41
Operator : CG/JU
Sample : M1991-02MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JCSY-WC1-1MS

Manual Integrations APPROVED
mohammad
4/14/2021 11:51:51 AM

Quant Time: Apr 14 00:30:46 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 07 10:06:00 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.086	152	13320	20.00	ng		#-0.01
21) Naphthalene-d8	10.912	136	59144	20.00	ng		#-0.01
39) Acenaphthene-d10	14.737	164	44727	20.00	ng		-0.01
64) Phenanthrene-d10	17.492	188	124708	20.00	ng		# 0.00
76) Chrysene-d12	21.793	240	123114	20.00	ng		# 0.00
86) Perylene-d12	25.130	264	127437	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.636	112	112445	149.04	ng		0.00
7) Phenol-d6	7.245	99	134176	122.63	ng		0.00
23) Nitrobenzene-d5	9.255	82	130185	106.57	ng		0.00
42) 2,4,6-Tribromophenol	16.235	330	101608	172.82	ng		0.00
45) 2-Fluorobiphenyl	13.356	172	286365	95.16	ng		-0.01
79) Terphenyl-d14	20.107	244	674452	100.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.497	88	12663	41.72	ng	#	23
3) Pyridine	3.908	79	22631	29.74	ng		99
4) n-Nitrosodimethylamine	3.808	42	30390	61.12	ng	#	95
6) Aniline	7.398	93	34824	27.71	ng		99
8) 2-Chlorophenol	7.645	128	47321	55.50	ng		97
9) Benzaldehyde	7.210	77	31078	44.43	ng		90
10) Phenol	7.275	94	51980	47.45	ng		85
11) bis(2-Chloroethyl)ether	7.492	93	40550	53.35	ng		84
12) 1,3-Dichlorobenzene	7.974	146	47377	49.33	ng		91
13) 1,4-Dichlorobenzene	8.121	146	48986	50.58	ng		94
14) 1,2-Dichlorobenzene	8.438	146	46252	49.87	ng		98
15) Benzyl Alcohol	8.321	79	56468	63.00	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.614	45	43529	59.37	ng		98
17) 2-Methylphenol	8.532	107	39721	56.04	ng		92
18) Hexachloroethane	9.173	117	18458	51.29	ng		89
19) n-Nitroso-di-n-propyla...	8.891	70	42155	55.90	ng		93
20) 3+4-Methylphenols	8.861	107	55333	56.24	ng		90
22) Acetophenone	8.914	105	79150	51.91	ng		96
24) Nitrobenzene	9.296	77	66656	55.60	ng		93
25) Isophorone	9.825	82	122675	54.38	ng	#	95
26) 2-Nitrophenol	10.013	139	28420	51.60	ng	#	83
27) 2,4-Dimethylphenol	10.077	122	51465	59.38	ng		93
28) bis(2-Chloroethoxy)met...	10.307	93	57555	55.66	ng		96
29) 2,4-Dichlorophenol	10.559	162	51463	52.44	ng		94
30) 1,2,4-Trichlorobenzene	10.771	180	52259	46.34	ng		97
31) Naphthalene	10.965	128	147928	48.64	ng	#	94
32) Benzoic acid	10.218	122	32994	49.48	ng	#	88
33) 4-Chloroaniline	11.076	127	9676	7.54	ng	#	85
34) Hexachlorobutadiene	11.241	225	39371	47.81	ng		93
35) Caprolactam	11.852	113	15809m	44.15	ng		
36) 4-Chloro-3-methylphenol	12.198	107	63177	57.32	ng		87
37) 2-Methylnaphthalene	12.569	142	120627	49.83	ng	#	93
38) 1-Methylnaphthalene	12.786	142	112934m	48.91	ng		
40) 1,2,4,5-Tetrachloroben...	12.933	216	68518	49.42	ng		97
41) Hexachlorocyclopentadiene	12.909	237	78209	97.37	ng		93
43) 2,4,6-Trichlorophenol	13.174	196	52799	55.40	ng		92

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.250	196	58226	57.11	ng		96
46) 1,1'-Biphenyl	13.573	154	163929	50.16	ng		100
47) 2-Chloronaphthalene	13.614	162	122787	49.31	ng		96
48) 2-Nitroaniline	13.820	65	54596	68.98	ng	#	78
49) Acenaphthylene	14.466	152	218678	56.02	ng		97
50) Dimethylphthalate	14.190	163	199701	60.15	ng	#	99
51) 2,6-Dinitrotoluene	14.314	165	41586	54.76	ng	#	81
52) Acenaphthene	14.807	154	183287m	64.92	ng		
53) 3-Nitroaniline	14.643	138	18871	25.34	ng		91
54) 2,4-Dinitrophenol	14.854	184	60163	140.87	ng	#	81
55) Dibenzofuran	15.142	168	214518	52.03	ng	#	95
56) 4-Nitrophenol	14.966	139	67777	112.74	ng		95
57) 2,4-Dinitrotoluene	15.101	165	66597	61.99	ng	#	87
58) Fluorene	15.788	166	191466	55.47	ng		94
59) 2,3,4,6-Tetrachlorophenol	15.365	232	58907	59.22	ng		99
60) Diethylphthalate	15.553	149	208133	61.02	ng		98
61) 4-Chlorophenyl-phenyle...	15.777	204	102804	55.36	ng		93
62) 4-Nitroaniline	15.812	138	46284	59.42	ng	#	66
63) Azobenzene	16.070	77	191784	57.15	ng		94
65) 4,6-Dinitro-2-methylph...	15.865	198	42453	56.65	ng		95
66) n-Nitrosodiphenylamine	15.994	169	177128	49.92	ng		98
67) 4-Bromophenyl-phenylether	16.676	248	69738	50.45	ng		94
68) Hexachlorobenzene	16.793	284	73092	50.64	ng		95
69) Atrazine	16.946	200	86928	60.07	ng		94
70) Pentachlorophenol	17.146	266	98255	109.52	ng		93
71) Phenanthrene	17.539	178	337787	52.18	ng		99
72) Anthracene	17.627	178	347025	53.79	ng		96
73) Carbazole	17.898	167	320567	52.40	ng		96
74) Di-n-butylphthalate	18.450	149	386046	56.48	ng		100
75) Fluoranthene	19.549	202	438031	54.58	ng		99
77) Benzidine	19.725	184	41655	9.99	ng		97
78) Pyrene	19.913	202	433675	51.23	ng		97
80) Butylbenzylphthalate	20.788	149	172175	54.76	ng		89
81) Benzo(a)anthracene	21.776	228	427360	51.95	ng		99
82) 3,3'-Dichlorobenzidine	21.682	252	77186	27.31	ng		98
83) Chrysene	21.846	228	392588	50.01	ng		94
84) Bis(2-ethylhexyl)phtha...	21.664	149	244944	55.93	ng	#	98
85) Di-n-octyl phthalate	22.915	149	403158	52.81	ng	#	94
87) Indeno(1,2,3-cd)pyrene	28.973	276	483857	54.16	ng	#	91
88) Benzo(b)fluoranthene	24.067	252	441868	53.39	ng	#	98
89) Benzo(k)fluoranthene	24.137	252	396877m	49.87	ng		
90) Benzo(a)pyrene	24.978	252	377516	49.49	ng		98
91) Dibenzo(a,h)anthracene	29.043	278	405040	53.12	ng		99
92) Benzo(g,h,i)perylene	30.172	276	397560	53.24	ng		96

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

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