Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112219\
Data File : BG043750.D
Acq On : 22 Nov 2019 20:33
Operator : JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ICVBG112219

Manual Integrations APPROVED
mohammad
11/25/2019 8:20:24 AM

Quant Time: Nov 23 01:01:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG112219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 23 00:54:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	59510	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	271652	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	202973	20.00	ng		0.00
64) Phenanthrene-d10	17.40	188	505799	20.00	ng		0.00
76) Chrysene-d12	21.67	240	534031	20.00	ng		0.00
87) Perylene-d12	24.84	264	456302	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	271415	81.99	ng		0.00
7) Phenol-d6	7.18	99	411811	85.58	ng		0.00
23) Nitrobenzene-d5	9.18	82	423210	85.66	ng		0.00
42) 2,4,6-Tribromophenol	16.14	330	204212	83.41	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	1021551	82.73	ng		0.00
79) Terphenyl-d14	20.01	244	1979097	83.74	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	57750	39.347	ng		98
3) Pyridine	3.92	79	186483	45.124	ng		99
4) n-Nitrosodimethylamine	3.83	42	91839	44.736	ng	#	95
6) Aniline	7.35	93	269932	43.046	ng		98
8) 2-Chlorophenol	7.59	128	157319	41.669	ng		95
9) Benzaldehyde	7.16	77	134991	46.965	ng		99
10) Phenol	7.21	94	213180	43.155	ng		99
11) bis(2-Chloroethyl)ether	7.45	93	175644	42.604	ng		99
12) 1,3-Dichlorobenzene	7.92	146	184812	41.583	ng		99
13) 1,4-Dichlorobenzene	8.07	146	183824	40.835	ng		99
14) 1,2-Dichlorobenzene	8.39	146	178931	42.009	ng		97
15) Benzyl Alcohol	8.26	79	175298	43.615	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.56	45	299267	42.209	ng		99
17) 2-Methylphenol	8.46	107	147636	41.802	ng		96
18) Hexachloroethane	9.12	117	66800	39.309	ng		96
19) n-Nitroso-di-n-propylamine	8.83	70	165724	43.795	ng		95
20) 3+4-Methylphenols	8.79	107	216229	43.885	ng		98
22) Acetophenone	8.84	105	295576	41.052	ng		98
24) Nitrobenzene	9.23	77	212199	41.784	ng		98
25) Isophorone	9.75	82	443084	41.824	ng		100
26) 2-Nitrophenol	9.94	139	81876	44.686	ng		98
27) 2,4-Dimethylphenol	10.00	122	147235	40.924	ng		95
28) bis(2-Chloroethoxy)methane	10.24	93	267644	40.990	ng		98
29) 2,4-Dichlorophenol	10.47	162	181783	41.562	ng		98
30) 1,2,4-Trichlorobenzene	10.70	180	206469	40.284	ng		99
31) Naphthalene	10.88	128	549317	40.764	ng		100
32) Benzoic acid	10.12	122	116393	44.861	ng		96
33) 4-Chloroaniline	10.98	127	267771	41.244	ng		99
34) Hexachlorobutadiene	11.18	225	136586	40.526	ng		97
35) Caprolactam	11.74	113	77138	43.373	ng		99
36) 4-Chloro-3-methylphenol	12.09	107	206328	41.977	ng		97
37) 2-Methylnaphthalene	12.49	142	431045	42.446	ng		99
38) 1-Methylnaphthalene	12.71	142	406867	42.216	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	258701	40.056	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	127550	36.553 ng	97
43) 2,4,6-Trichlorophenol	13.08	196	173152	41.685 ng	98
44) 2,4,5-Trichlorophenol	13.15	196	179370	41.508 ng	98
46) 1,1'-Biphenyl	13.49	154	567795	40.357 ng	99
47) 2-Chloronaphthalene	13.53	162	464374	40.473 ng	99
48) 2-Nitroaniline	13.72	65	146974	43.755 ng	98
49) Acenaphthylene	14.37	152	734310	40.678 ng	98
50) Dimethylphthalate	14.11	163	648304	40.320 ng	99
51) 2,6-Dinitrotoluene	14.22	165	133475	44.701 ng	98
52) Acenaphthene	14.72	154	466216	40.386 ng	99
53) 3-Nitroaniline	14.54	138	148246	42.506 ng	97
54) 2,4-Dinitrophenol	14.74	184	53183	43.594 ng	88
55) Dibenzofuran	15.06	168	728613	40.514 ng	99
56) 4-Nitrophenol	14.84	139	123491	42.037 ng	99
57) 2,4-Dinitrotoluene	15.00	165	185547	44.807 ng	98
58) Fluorene	15.70	166	596799	40.465 ng	100
59) 2,3,4,6-Tetrachlorophenol	15.27	232	181235m	41.757 ng	
60) Diethylphthalate	15.48	149	655462	38.952 ng	99
61) 4-Chlorophenyl-phenylether	15.70	204	328956	40.511 ng	98
62) 4-Nitroaniline	15.71	138	164804	41.209 ng	98
63) Azobenzene	15.99	77	601133	39.722 ng	99
65) 4,6-Dinitro-2-methylphenol	15.77	198	79345	43.863 ng	99
66) n-Nitrosodiphenylamine	15.91	169	549156	41.007 ng	98
67) 4-Bromophenyl-phenylether	16.59	248	223031	41.814 ng	97
68) Hexachlorobenzene	16.71	284	239499	41.072 ng	99
69) Atrazine	16.86	200	216370	40.314 ng	97
70) Pentachlorophenol	17.05	266	155629	43.738 ng	97
71) Phenanthrene	17.44	178	1029152	41.121 ng	100
72) Anthracene	17.53	178	1033967	40.898 ng	99
73) Carbazole	17.79	167	988066	39.051 ng	99
74) Di-n-butylphthalate	18.37	149	1231378	38.410 ng	99
75) Fluoranthene	19.44	202	1370658	38.179 ng	99
77) Benzidine	19.62	184	583672	37.416 ng	98
78) Pyrene	19.81	202	1401380	40.660 ng	99
80) Butylbenzylphthalate	20.71	149	664387	42.316 ng	99
81) Benzo(a)anthracene	21.65	228	1436690	40.242 ng	100
82) 3,3'-Dichlorobenzidine	21.56	252	479617	35.824 ng	99
83) Chrysene	21.71	228	1358365	40.209 ng	99
84) Bis(2-ethylhexyl)phthalate	21.58	149	833815	37.744 ng	99
85) Di-n-octyl phthalate	22.80	149	1188965	33.181 ng	99
86) Indeno(1,2,3-cd)pyrene	28.46	276	1277807	32.517 ng	97
88) Benzo(b)fluoranthene	23.84	252	1138211	41.778 ng	97
89) Benzo(k)fluoranthene	23.91	252	1070621	40.946 ng	99
90) Benzo(a)pyrene	24.70	252	1034988	40.401 ng	99
91) Dibenzo(a,h)anthracene	28.53	278	1027371	41.345 ng	97
92) Benzo(g,h,i)perylene	29.58	276	1022033	41.707 ng	97

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

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