Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110719\
Data File : BG043562.D
Acq On : 8 Nov 2019 6:28
Operator : JU
Sample : K5675-04MS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-05-110519MS

Manual Integrations APPROVED
Sohil
11/8/2019 3:33:05 PM

Quant Time: Nov 08 07:49:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 04 15:22:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	27800	20.00	ng		0.00
21) Naphthalene-d8	10.81	136	107563	20.00	ng		0.00
39) Acenaphthene-d10	14.64	164	77571	20.00	ng		0.00
64) Phenanthrene-d10	17.38	188	201969	20.00	ng		0.00
76) Chrysene-d12	21.65	240	210384	20.00	ng		0.00
87) Perylene-d12	24.85	264	247198	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	218573	144.07	ng		0.01
7) Phenol-d6	7.21	99	292661	134.08	ng		0.02
23) Nitrobenzene-d5	9.17	82	177848	85.24	ng		0.00
42) 2,4,6-Tribromophenol	16.13	330	202044	136.87	ng		0.00
45) 2-Fluorobiphenyl	13.26	172	472232	84.12	ng		0.00
79) Terphenyl-d14	20.00	244	1091585	97.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.48	88	21990	37.196	ng	#	21
3) Pyridine	3.89	79	46145	30.942	ng		95
4) n-Nitrosodimethylamine	3.79	42	37667	50.053	ng	#	96
6) Aniline	7.34	93	30573	12.159	ng		98
8) 2-Chlorophenol	7.59	128	83156	49.654	ng		94
9) Benzaldehyde	7.14	77	39124	36.473	ng		95
10) Phenol	7.24	94	107370	53.831	ng		97
11) bis(2-Chloroethyl)ether	7.42	93	64828	42.039	ng		99
12) 1,3-Dichlorobenzene	7.89	146	78288	37.311	ng		95
13) 1,4-Dichlorobenzene	8.04	146	81474	38.378	ng		97
14) 1,2-Dichlorobenzene	8.36	146	80011	38.600	ng		96
15) Benzyl Alcohol	8.26	79	72250	47.131	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.53	45	91211	40.677	ng		97
17) 2-Methylphenol	8.48	107	72013	49.526	ng		97
18) Hexachloroethane	9.09	117	27994	36.549	ng		98
19) n-Nitroso-di-n-propylamine	8.81	70	60056	42.579	ng		96
20) 3+4-Methylphenols	8.82	107	93477	46.882	ng	#	72
22) Acetophenone	8.83	105	117244	42.563	ng	#	92
24) Nitrobenzene	9.21	77	92192	46.385	ng	#	96
25) Isophorone	9.73	82	173464	45.475	ng		99
26) 2-Nitrophenol	9.93	139	47527	49.531	ng	#	89
27) 2,4-Dimethylphenol	10.00	122	75686	55.033	ng		95
28) bis(2-Chloroethoxy)methane	10.22	93	90572	43.021	ng		99
29) 2,4-Dichlorophenol	10.49	162	85815	48.700	ng		92
30) 1,2,4-Trichlorobenzene	10.67	180	93177	41.955	ng		97
31) Naphthalene	10.86	128	246583	45.163	ng		99
32) Benzoic acid	10.19	122	41572	41.174	ng		96
33) 4-Chloroaniline	11.00	127	8834	3.947	ng	#	90
34) Hexachlorobutadiene	11.15	225	63385	38.608	ng		88
35) Caprolactam	11.75	113	28124m	46.342	ng		
36) 4-Chloro-3-methylphenol	12.12	107	96632	50.274	ng		96
37) 2-Methylnaphthalene	12.47	142	187293	44.708	ng		99
38) 1-Methylnaphthalene	12.68	142	181920	45.640	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	122428	42.646	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	100761	66.816	ng		98
43) 2,4,6-Trichlorophenol	13.08	196	81491	48.201	ng		96
44) 2,4,5-Trichlorophenol	13.18	196	90519	52.960	ng		98
46) 1,1'-Biphenyl	13.47	154	258923	43.876	ng		96
47) 2-Chloronaphthalene	13.52	162	201574	44.894	ng		100
48) 2-Nitroaniline	13.72	65	63260	47.139	ng		94
49) Acenaphthylene	14.36	152	338211	48.398	ng		99
50) Dimethylphthalate	14.09	163	322869	53.736	ng		100
51) 2,6-Dinitrotoluene	14.22	165	62353	47.769	ng		95
52) Acenaphthene	14.70	154	198933	46.681	ng		95
53) 3-Nitroaniline	14.56	138	17444	13.842	ng		92
54) 2,4-Dinitrophenol	14.76	184	56947	70.787	ng		98
55) Dibenzofuran	15.04	168	334995	48.474	ng		97
56) 4-Nitrophenol	14.90	139	96250	113.968	ng		93
57) 2,4-Dinitrotoluene	15.00	165	93697	50.228	ng		98
58) Fluorene	15.69	166	284714	49.120	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.27	232	92533	50.956	ng		95
60) Diethylphthalate	15.45	149	281620	46.648	ng		98
61) 4-Chlorophenyl-phenylether	15.67	204	159287	47.107	ng		96
62) 4-Nitroaniline	15.72	138	59916	46.035	ng		95
63) Azobenzene	15.97	77	241803	49.489	ng		97
65) 4,6-Dinitro-2-methylphenol	15.77	198	51629	43.437	ng		94
66) n-Nitrosodiphenylamine	15.89	169	257059	45.081	ng		98
67) 4-Bromophenyl-phenylether	16.57	248	116429	42.835	ng		96
68) Hexachlorobenzene	16.70	284	133657	42.839	ng		99
69) Atrazine	16.84	200	116566	58.831	ng		97
70) Pentachlorophenol	17.05	266	132424	93.148	ng		97
71) Phenanthrene	17.43	178	482184	46.622	ng		98
72) Anthracene	17.52	178	509217	49.211	ng		98
73) Carbazole	17.79	167	455471	48.606	ng		99
74) Di-n-butylphthalate	18.34	149	524111	46.096	ng		99
75) Fluoranthene	19.44	202	652609	48.402	ng		100
77) Benzidine	19.62	184	53913	12.733	ng		99
78) Pyrene	19.80	202	656695	50.428	ng		99
80) Butylbenzylphthalate	20.68	149	238489	48.339	ng		96
81) Benzo(a)anthracene	21.63	228	658014	49.932	ng		100
82) 3,3'-Dichlorobenzidine	21.55	252	84910	16.658	ng		99
83) Chrysene	21.70	228	639872	48.869	ng		98
84) Bis(2-ethylhexyl)phthalate	21.53	149	340861	48.636	ng		99
85) Di-n-octyl phthalate	22.73	149	584365	49.147	ng		99
86) Indeno(1,2,3-cd)pyrene	28.49	276	823971	50.133	ng	#	96
88) Benzo(b)fluoranthene	23.83	252	674644	48.187	ng		99
89) Benzo(k)fluoranthene	23.90	252	700023	49.667	ng		97
90) Benzo(a)pyrene	24.70	252	635538	47.536	ng	#	99
91) Dibenzo(a,h)anthracene	28.55	278	695552	50.863	ng		99
92) Benzo(g,h,i)perylene	29.62	276	694454	51.483	ng		99

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

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