Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062419\
Data File : BG041441.D
Acq On : 25 Jun 2019 3:33
Operator : HP/JU
Sample : K3500-02MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B-2(9-10)MS

Manual Integrations APPROVED
mohammad
6/28/2019 8:24:38 AM

Quant Time: Jun 25 06:53:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 14:58:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	29934	20.00	ng		-0.04
21) Naphthalene-d8	10.87	136	121989	20.00	ng		-0.04
39) Acenaphthene-d10	14.69	164	87101	20.00	ng		-0.03
64) Phenanthrene-d10	17.43	188	213300	20.00	ng		-0.03
76) Chrysene-d12	21.71	240	211226	20.00	ng		-0.03
87) Perylene-d12	24.99	264	163879	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	102464	62.89	ng		-0.04
7) Phenol-d6	7.20	99	161695	68.47	ng		-0.03
23) Nitrobenzene-d5	9.23	82	115706	39.89	ng		-0.03
42) 2,4,6-Tribromophenol	16.18	330	84142	62.92	ng		-0.03
45) 2-Fluorobiphenyl	13.31	172	283172	44.19	ng		-0.03
79) Terphenyl-d14	20.03	244	488124	45.80	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	10258	12.557	ng	#	85
3) Pyridine	3.84	79	27880	12.865	ng		98
4) n-Nitrosodimethylamine	3.76	42	18321	15.853	ng	#	88
6) Aniline	7.37	93	37520	11.431	ng		99
8) 2-Chlorophenol	7.61	128	39678	20.728	ng		95
9) Benzaldehyde	7.19	77	29426	19.482	ng		97
10) Phenol	7.23	94	52991	20.868	ng		97
11) bis(2-Chloroethyl)ether	7.46	93	36876	19.139	ng		96
12) 1,3-Dichlorobenzene	7.93	146	44034	18.372	ng		96
13) 1,4-Dichlorobenzene	8.08	146	44807	18.301	ng		90
14) 1,2-Dichlorobenzene	8.40	146	44634	19.087	ng		98
15) Benzyl Alcohol	8.29	79	36480	16.124	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.56	45	50300	15.947	ng		96
17) 2-Methylphenol	8.49	107	38744	21.341	ng		99
18) Hexachloroethane	9.12	117	14834	15.289	ng		95
19) n-Nitroso-di-n-propylamine	8.85	70	33986	17.794	ng		99
20) 3+4-Methylphenols	8.82	107	49847	20.625	ng		91
22) Acetophenone	8.88	105	67669	19.062	ng	#	97
24) Nitrobenzene	9.27	77	56142	19.245	ng		97
25) Isophorone	9.78	82	98169	18.447	ng		98
26) 2-Nitrophenol	9.98	139	20931	17.698	ng		98
27) 2,4-Dimethylphenol	10.03	122	38822	21.898	ng		96
28) bis(2-Chloroethoxy)methane	10.26	93	52258	18.847	ng		94
29) 2,4-Dichlorophenol	10.52	162	47659	21.681	ng		95
30) 1,2,4-Trichlorobenzene	10.72	180	56268	19.987	ng		96
31) Naphthalene	10.92	128	133779	20.178	ng		98
32) Benzoic acid	10.18	122	1681m	1.457	ng		
33) 4-Chloroaniline	11.04	127	37032	13.152	ng	#	89
34) Hexachlorobutadiene	11.18	225	41932	18.765	ng		94
35) Caprolactam	11.81	113	13003	17.183	ng	#	83
36) 4-Chloro-3-methylphenol	12.15	107	52270	20.587	ng		99
37) 2-Methylnaphthalene	12.52	142	101138	20.712	ng		96
38) 1-Methylnaphthalene	12.74	142	94736	20.278	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	78016	21.691	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	27549	11.371	ng		95
43) 2,4,6-Trichlorophenol	13.12	196	46258	20.791	ng		98
44) 2,4,5-Trichlorophenol	13.20	196	46221	20.190	ng		98
46) 1,1'-Biphenyl	13.52	154	137111	20.822	ng		96
47) 2-Chloronaphthalene	13.57	162	114484	20.194	ng		96
48) 2-Nitroaniline	13.78	65	36607	17.631	ng	#	83
49) Acenaphthylene	14.41	152	177205	20.599	ng		99
50) Dimethylphthalate	14.13	163	187801	24.233	ng		99
51) 2,6-Dinitrotoluene	14.27	165	29893	18.293	ng		94
52) Acenaphthene	14.75	154	101132	20.020	ng		99
53) 3-Nitroaniline	14.60	138	26439	16.422	ng	#	98
54) 2,4-Dinitrophenol	14.83	184	3129	7.348	ng	#	82
55) Dibenzofuran	15.08	168	181222	20.633	ng		98
56) 4-Nitrophenol	14.92	139	37664	32.772	ng		94
57) 2,4-Dinitrotoluene	15.06	165	41367	17.318	ng	#	96
58) Fluorene	15.73	166	137026	19.833	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.31	232	45183	19.085	ng		98
60) Diethylphthalate	15.49	149	144544	18.350	ng		99
61) 4-Chlorophenyl-phenylether	15.71	204	87034	19.361	ng		96
62) 4-Nitroaniline	15.77	138	30409	17.660	ng		91
63) Azobenzene	16.01	77	132148	18.805	ng		99
65) 4,6-Dinitro-2-methylphenol	15.82	198	7676	5.544	ng		91
66) n-Nitrosodiphenylamine	15.93	169	123956	21.886	ng		99
67) 4-Bromophenyl-phenylether	16.61	248	55782	20.225	ng		96
68) Hexachlorobenzene	16.73	284	58445	19.789	ng		97
69) Atrazine	16.87	200	51182	20.353	ng		94
70) Pentachlorophenol	17.08	266	56570	37.406	ng		99
71) Phenanthrene	17.47	178	234264	20.593	ng		98
72) Anthracene	17.57	178	242342	21.608	ng		97
73) Carbazole	17.84	167	197350	20.115	ng		99
74) Di-n-butylphthalate	18.37	149	237478	19.399	ng		97
75) Fluoranthene	19.48	202	299556	19.821	ng		99
77) Benzidine	19.67	184	105882	20.724	ng		96
78) Pyrene	19.85	202	302760	21.253	ng		100
80) Butylbenzylphthalate	20.71	149	105929	19.659	ng		99
81) Benzo(a)anthracene	21.68	228	281798	19.704	ng		99
82) 3,3'-Dichlorobenzidine	21.60	252	84016	16.735	ng		98
83) Chrysene	21.75	228	292758	21.286	ng		98
84) Bis(2-ethylhexyl)phthalate	21.55	149	150540	20.501	ng	#	98
85) Di-n-octyl phthalate	22.77	149	259156	20.860	ng		97
86) Indeno(1,2,3-cd)pyrene	28.76	276	174082	10.668	ng	#	73
88) Benzo(b)fluoranthene	23.94	252	218708	21.535	ng		97
89) Benzo(k)fluoranthene	24.01	252	224576	22.321	ng		98
90) Benzo(a)pyrene	24.83	252	201803	21.039	ng		98
91) Dibenzo(a,h)anthracene	28.83	278	154097	15.958	ng		99
92) Benzo(g,h,i)perylene	29.96	276	120043	12.579	ng	#	94

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

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