Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070720\
Data File : BG045971.D
Acq On : 7 Jul 2020 22:43
Operator : CG/JU
Sample : L3216-08
Misc : LOD-WTR-10PPM
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2020

Manual Integrations APPROVED
mohammad
7/9/2020 10:55:49 AM

Quant Time: Jul 08 04:47:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 08 04:08:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	136106	20.00	ng		0.00
21) Naphthalene-d8	10.81	136	548705	20.00	ng		0.00
39) Acenaphthene-d10	14.63	164	328965	20.00	ng		0.00
64) Phenanthrene-d10	17.37	188	666134	20.00	ng		0.00
76) Chrysene-d12	21.63	240	614213	20.00	ng		0.00
86) Perylene-d12	24.78	264	616807	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	1356289	161.60	ng		0.00
7) Phenol-d6	7.16	99	1897255	157.01	ng		0.00
23) Nitrobenzene-d5	9.16	82	1507180	158.10	ng		0.00
42) 2,4,6-Tribromophenol	16.11	330	538587	176.40	ng		0.00
45) 2-Fluorobiphenyl	13.26	172	2697857	127.92	ng		0.00
79) Terphenyl-d14	19.99	244	3087867	111.88	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	46350	11.970	ng		96
3) Pyridine	3.90	79	100135	8.552	ng		95
4) n-Nitrosodimethylamine	3.82	42	38539	9.734	ng	#	99
6) Aniline	7.33	93	154008	9.963	ng		96
8) 2-Chlorophenol	7.57	128	86354	9.558	ng		96
9) Benzaldehyde	7.14	77	103687	13.544	ng		98
10) Phenol	7.19	94	118723	9.795	ng		98
11) bis(2-Chloroethyl)ether	7.43	93	96083	9.586	ng		96
12) 1,3-Dichlorobenzene	7.90	146	100081	9.610	ng		97
13) 1,4-Dichlorobenzene	8.04	146	101460	9.904	ng		100
14) 1,2-Dichlorobenzene	8.36	146	93924	9.526	ng		97
15) Benzyl Alcohol	8.23	79	90312	9.532	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.54	45	128967	9.862	ng		98
17) 2-Methylphenol	8.44	107	82834	9.108	ng		96
18) Hexachloroethane	9.10	117	39327	9.977	ng		88
19) n-Nitroso-di-n-propylamine	8.81	70	86281	10.164	ng		99
20) 3+4-Methylphenols	8.76	107	110976	8.953	ng		96
22) Acetophenone	8.82	105	150079	10.238	ng	#	98
24) Nitrobenzene	9.20	77	115135	10.942	ng		96
25) Isophorone	9.73	82	223308	9.595	ng		99
26) 2-Nitrophenol	9.91	139	33124	9.658	ng		96
27) 2,4-Dimethylphenol	9.97	122	87247	10.532	ng		93
28) bis(2-Chloroethoxy)methane	10.21	93	131925	10.095	ng		96
29) 2,4-Dichlorophenol	10.45	162	80460	9.383	ng		95
30) 1,2,4-Trichlorobenzene	10.67	180	90928	9.570	ng		97
31) Naphthalene	10.85	128	292785	9.954	ng		97
32) Benzoic acid	10.04	122	31644m	7.055	ng		
33) 4-Chloroaniline	10.95	127	121631	9.253	ng		97
34) Hexachlorobutadiene	11.16	225	50380	9.081	ng		98
35) Caprolactam	11.69	113	29147	8.952	ng	#	89
36) 4-Chloro-3-methylphenol	12.07	107	93080	9.530	ng		99
37) 2-Methylnaphthalene	12.46	142	213357	10.204	ng		98
38) 1-Methylnaphthalene	12.67	142	201244	10.198	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	94207	10.159	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	52723	9.582	ng		98
43) 2,4,6-Trichlorophenol	13.06	196	56378	8.990	ng		97
44) 2,4,5-Trichlorophenol	13.13	196	65625	9.255	ng		97
46) 1,1'-Biphenyl	13.47	154	270888	10.946	ng		97
47) 2-Chloronaphthalene	13.50	162	187814	9.619	ng		97
48) 2-Nitroaniline	13.69	65	50795	11.116	ng		99
49) Acenaphthylene	14.35	152	321118	10.193	ng		97
50) Dimethylphthalate	14.08	163	235918	9.556	ng		98
51) 2,6-Dinitrotoluene	14.19	165	41327	10.788	ng		96
52) Acenaphthene	14.70	154	189911	9.557	ng		97
53) 3-Nitroaniline	14.51	138	47150	9.932	ng	#	95
54) 2,4-Dinitrophenol	14.71	184	10598	7.843	ng	#	1
55) Dibenzofuran	15.02	168	291129	9.995	ng		98
56) 4-Nitrophenol	14.81	139	37182	9.244	ng		99
57) 2,4-Dinitrotoluene	14.97	165	51470	10.874	ng	#	87
58) Fluorene	15.68	166	238129	9.966	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.25	232	54599m	9.973	ng		
60) Diethylphthalate	15.45	149	243984	9.423	ng		95
61) 4-Chlorophenyl-phenylether	15.67	204	109797	9.236	ng		97
62) 4-Nitroaniline	15.68	138	49280	9.658	ng		95
63) Azobenzene	15.96	77	281505	10.130	ng		98
65) 4,6-Dinitro-2-methylphenol	15.74	198	17341	8.888	ng		90
66) n-Nitrosodiphenylamine	15.88	169	205771	9.968	ng		96
67) 4-Bromophenyl-phenylether	16.56	248	67184	9.030	ng		99
68) Hexachlorobenzene	16.68	284	71943	9.637	ng		98
69) Atrazine	16.83	200	69314	11.357	ng		95
70) Pentachlorophenol	17.02	266	37027	8.920	ng		97
71) Phenanthrene	17.41	178	359877	10.219	ng		97
72) Anthracene	17.50	178	374301	10.473	ng		97
73) Carbazole	17.76	167	358140	9.997	ng		95
74) Di-n-butylphthalate	18.34	149	433105	10.005	ng		97
75) Fluoranthene	19.42	202	420994	10.341	ng		96
77) Benzidine	19.59	184	234606	13.359	ng		98
78) Pyrene	19.78	202	434505	10.364	ng		94
80) Butylbenzylphthalate	20.68	149	180649	9.118	ng		97
81) Benzo(a)anthracene	21.61	228	400707	9.922	ng		96
82) 3,3'-Dichlorobenzidine	21.52	252	150783	10.104	ng		98
83) Chrysene	21.67	228	376097	9.775	ng		94
84) Bis(2-ethylhexyl)phthalate	21.55	149	273770	9.519	ng	#	96
85) Di-n-octyl phthalate	22.76	149	455645	9.130	ng		97
87) Indeno(1,2,3-cd)pyrene	28.35	276	443175	9.821	ng		96
88) Benzo(b)fluoranthene	23.78	252	392494	10.024	ng		96
89) Benzo(k)fluoranthene	23.85	252	386971	10.452	ng		95
90) Benzo(a)pyrene	24.64	252	354193	9.620	ng		99
91) Dibenzo(a,h)anthracene	28.43	278	361740	9.939	ng		99
92) Benzo(g,h,i)perylene	29.46	276	362363	9.894	ng		99

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

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