Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070720\
Data File : BG045957.D
Acq On : 7 Jul 2020 11:44
Operator : CG/JU
Sample : L2182-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Manual Integrations APPROVED
mohammad
7/9/2020 10:55:14 AM

Quant Time: Jul 07 12:36:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 07 09:58:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	135029	20.00	ng		0.00
21) Naphthalene-d8	10.81	136	545398	20.00	ng		0.00
39) Acenaphthene-d10	14.63	164	331370	20.00	ng		0.00
64) Phenanthrene-d10	17.37	188	677981	20.00	ng		0.00
76) Chrysene-d12	21.63	240	647335	20.00	ng		0.00
86) Perylene-d12	24.79	264	657998	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	905026	108.69	ng		0.00
7) Phenol-d6	7.16	99	1269842	105.93	ng		0.00
23) Nitrobenzene-d5	9.16	82	1098786	115.96	ng		0.00
42) 2,4,6-Tribromophenol	16.12	330	356550	115.93	ng		0.00
45) 2-Fluorobiphenyl	13.26	172	2190901	103.13	ng		0.00
79) Terphenyl-d14	19.99	244	2660186	91.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	16732	4.356	ng		96
3) Pyridine	3.91	79	37991	3.271	ng		91
4) n-Nitrosodimethylamine	3.82	42	16598	4.226	ng	#	93
6) Aniline	7.33	93	60358	3.936	ng		99
8) 2-Chlorophenol	7.57	128	32848	3.665	ng		95
9) Benzaldehyde	7.14	77	38987	5.133	ng		91
10) Phenol	7.19	94	46339	3.853	ng		84
11) bis(2-Chloroethyl)ether	7.43	93	38207	3.842	ng		96
12) 1,3-Dichlorobenzene	7.90	146	37363	3.616	ng		98
13) 1,4-Dichlorobenzene	8.05	146	39995	3.935	ng		92
14) 1,2-Dichlorobenzene	8.36	146	36080	3.689	ng		96
15) Benzyl Alcohol	8.24	79	35257	3.751	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.54	45	46662	3.597	ng		96
17) 2-Methylphenol	8.44	107	31125	3.449	ng		89
18) Hexachloroethane	9.10	117	14561	3.724	ng		97
19) n-Nitroso-di-n-propylamine	8.81	70	33539	3.983	ng		92
20) 3+4-Methylphenols	8.77	107	42620	3.466	ng		94
22) Acetophenone	8.82	105	61053	4.190	ng		98
24) Nitrobenzene	9.20	77	44253	4.231	ng		95
25) Isophorone	9.73	82	87344	3.776	ng		97
26) 2-Nitrophenol	9.91	139	11435	3.354	ng		96
27) 2,4-Dimethylphenol	9.97	122	31896	3.874	ng		88
28) bis(2-Chloroethoxy)methane	10.21	93	50162	3.862	ng		99
29) 2,4-Dichlorophenol	10.45	162	29006	3.403	ng		97
30) 1,2,4-Trichlorobenzene	10.67	180	35520	3.761	ng		98
31) Naphthalene	10.85	128	113629	3.886	ng		97
32) Benzoic acid	10.02	122	10339m	2.319	ng		
33) 4-Chloroaniline	10.95	127	47988	3.673	ng		96
34) Hexachlorobutadiene	11.16	225	18426	3.341	ng		94
35) Caprolactam	11.69	113	11644	3.598	ng		91
36) 4-Chloro-3-methylphenol	12.07	107	35420	3.649	ng		96
37) 2-Methylnaphthalene	12.46	142	81379	3.915	ng		98
38) 1-Methylnaphthalene	12.67	142	78167	3.985	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	38294	4.100	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	19591	3.535	ng		89
43) 2,4,6-Trichlorophenol	13.06	196	21970	3.478	ng		96
44) 2,4,5-Trichlorophenol	13.13	196	24105	3.375	ng		93
46) 1,1'-Biphenyl	13.47	154	108495	4.352	ng		98
47) 2-Chloronaphthalene	13.50	162	74863	3.806	ng		93
48) 2-Nitroaniline	13.69	65	16132	3.505	ng	#	87
49) Acenaphthylene	14.35	152	129495	4.081	ng		98
50) Dimethylphthalate	14.08	163	93651	3.766	ng	#	98
51) 2,6-Dinitrotoluene	14.19	165	12314	3.191	ng		95
52) Acenaphthene	14.69	154	76845	3.839	ng		97
53) 3-Nitroaniline	14.51	138	14478	3.028	ng	#	70
54) 2,4-Dinitrophenol	14.72	184	2557	1.879	ng	#	62
55) Dibenzofuran	15.02	168	118032	4.023	ng		97
56) 4-Nitrophenol	14.81	139	11655	2.877	ng		85
57) 2,4-Dinitrotoluene	14.97	165	13759	2.886	ng	#	78
58) Fluorene	15.68	166	94824	3.940	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.25	232	19328	3.505	ng	#	91
60) Diethylphthalate	15.45	149	97910	3.754	ng		94
61) 4-Chlorophenyl-phenylether	15.67	204	45808	3.825	ng		97
62) 4-Nitroaniline	15.67	138	16049	3.122	ng		99
63) Azobenzene	15.96	77	109479	3.911	ng		97
65) 4,6-Dinitro-2-methylphenol	15.73	198	4574	2.303	ng		96
66) n-Nitrosodiphenylamine	15.88	169	84629	4.028	ng		95
67) 4-Bromophenyl-phenylether	16.56	248	26849	3.546	ng		91
68) Hexachlorobenzene	16.68	284	28623	3.767	ng		96
69) Atrazine	16.83	200	30137	4.852	ng		96
70) Pentachlorophenol	17.02	266	13260	3.139	ng	#	89
71) Phenanthrene	17.41	178	144338	4.027	ng		95
72) Anthracene	17.50	178	152398	4.190	ng		95
73) Carbazole	17.77	167	139330	3.821	ng		93
74) Di-n-butylphthalate	18.35	149	171456	3.892	ng	#	94
75) Fluoranthene	19.42	202	172421	4.161	ng		96
77) Benzidine	19.59	184	94175	5.088	ng		99
78) Pyrene	19.78	202	178180m	4.032	ng		
80) Butylbenzylphthalate	20.68	149	71539	3.426	ng		98
81) Benzo(a)anthracene	21.61	228	168531	3.959	ng		92
82) 3,3'-Dichlorobenzidine	21.52	252	64639	4.110	ng		96
83) Chrysene	21.67	228	157637	3.887	ng		95
84) Bis(2-ethylhexyl)phthalate	21.55	149	110045	3.631	ng	#	95
85) Di-n-octyl phthalate	22.75	149	186171	3.539	ng		99
87) Indeno(1,2,3-cd)pyrene	28.35	276	180168	3.743	ng		95
88) Benzo(b)fluoranthene	23.78	252	162794	3.897	ng		97
89) Benzo(k)fluoranthene	23.85	252	159088	4.028	ng		98
90) Benzo(a)pyrene	24.63	252	147387	3.752	ng		98
91) Dibenzo(a,h)anthracene	28.43	278	152541	3.929	ng		95
92) Benzo(g,h,i)perylene	29.46	276	152107	3.893	ng		95

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

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