Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070720\
Data File : BG045968.D
Acq On : 7 Jul 2020 20:41
Operator : CG/JU
Sample : L3216-07
Misc : LOD-MDL-WTR-4PPM
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Manual Integrations APPROVED
mohammad
7/9/2020 10:55:41 AM

Quant Time: Jul 08 04:35:58 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	134404	20.00	ng		0.00
21) Naphthalene-d8	10.80	136	539295	20.00	ng		0.00
39) Acenaphthene-d10	14.63	164	320297	20.00	ng		0.00
64) Phenanthrene-d10	17.37	188	659658	20.00	ng		0.00
76) Chrysene-d12	21.63	240	592004	20.00	ng		0.00
86) Perylene-d12	24.78	264	588736	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	1225881	147.91	ng		0.00
7) Phenol-d6	7.17	99	1699979	142.47	ng		0.00
23) Nitrobenzene-d5	9.16	82	1435315	153.19	ng		0.00
42) 2,4,6-Tribromophenol	16.11	330	482942	162.46	ng		0.00
45) 2-Fluorobiphenyl	13.26	172	2625883	127.88	ng		0.00
79) Terphenyl-d14	19.99	244	3051388	114.71	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	17287	4.521	ng	#	93
3) Pyridine	3.91	79	37538	3.247	ng		89
4) n-Nitrosodimethylamine	3.82	42	15774	4.035	ng	#	95
6) Aniline	7.33	93	60869	3.988	ng		98
8) 2-Chlorophenol	7.57	128	34400	3.856	ng		97
9) Benzaldehyde	7.14	77	42096	5.568	ng		95
10) Phenol	7.19	94	46197	3.860	ng		82
11) bis(2-Chloroethyl)ether	7.43	93	38386	3.878	ng		94
12) 1,3-Dichlorobenzene	7.90	146	39329	3.824	ng		88
13) 1,4-Dichlorobenzene	8.04	146	38422	3.798	ng		96
14) 1,2-Dichlorobenzene	8.36	146	36263	3.724	ng		98
15) Benzyl Alcohol	8.23	79	36383	3.889	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.53	45	50038	3.875	ng		96
17) 2-Methylphenol	8.44	107	30475	3.393	ng		98
18) Hexachloroethane	9.09	117	14827	3.809	ng		95
19) n-Nitroso-di-n-propylamine	8.80	70	33587	4.007	ng	#	96
20) 3+4-Methylphenols	8.76	107	41295	3.374	ng		97
22) Acetophenone	8.82	105	60197	4.178	ng	#	97
24) Nitrobenzene	9.20	77	41683	4.031	ng		92
25) Isophorone	9.72	82	88706	3.878	ng		98
26) 2-Nitrophenol	9.91	139	12050	3.575	ng		93
27) 2,4-Dimethylphenol	9.97	122	32338	3.972	ng		93
28) bis(2-Chloroethoxy)methane	10.21	93	50234	3.911	ng	#	93
29) 2,4-Dichlorophenol	10.45	162	28424	3.373	ng		99
30) 1,2,4-Trichlorobenzene	10.67	180	36068	3.862	ng		91
31) Naphthalene	10.85	128	113391	3.922	ng		98
32) Benzoic acid	10.02	122	7814m	1.772	ng		
33) 4-Chloroaniline	10.95	127	47582	3.683	ng		97
34) Hexachlorobutadiene	11.15	225	20051	3.677	ng		90
35) Caprolactam	11.69	113	10018	3.131	ng		92
36) 4-Chloro-3-methylphenol	12.07	107	33877	3.529	ng		92
37) 2-Methylnaphthalene	12.46	142	81063	3.944	ng		97
38) 1-Methylnaphthalene	12.68	142	77101m	3.975	ng		
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	38645	4.280	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	21127	3.943	ng		94
43) 2,4,6-Trichlorophenol	13.06	196	21290	3.487	ng		97
44) 2,4,5-Trichlorophenol	13.13	196	23367	3.385	ng		94
46) 1,1'-Biphenyl	13.46	154	109334	4.538	ng		99
47) 2-Chloronaphthalene	13.50	162	72684	3.823	ng		97
48) 2-Nitroaniline	13.69	65	17975	4.040	ng		96
49) Acenaphthylene	14.35	152	124540	4.060	ng		97
50) Dimethylphthalate	14.08	163	93873	3.905	ng		99
51) 2,6-Dinitrotoluene	14.19	165	13460	3.609	ng	#	89
52) Acenaphthene	14.69	154	73501	3.799	ng		95
53) 3-Nitroaniline	14.51	138	15866	3.433	ng		97
54) 2,4-Dinitrophenol	14.71	184	3000	2.280	ng	#	1
55) Dibenzofuran	15.03	168	116051	4.092	ng		97
56) 4-Nitrophenol	14.81	139	11860	3.028	ng		96
57) 2,4-Dinitrotoluene	14.97	165	15894	3.449	ng	#	90
58) Fluorene	15.67	166	93795	4.032	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.25	232	19270m	3.615	ng		
60) Diethylphthalate	15.45	149	98612	3.912	ng		95
61) 4-Chlorophenyl-phenylether	15.67	204	44930	3.882	ng		99
62) 4-Nitroaniline	15.67	138	16129	3.247	ng		94
63) Azobenzene	15.97	77	110795	4.095	ng		98
65) 4,6-Dinitro-2-methylphenol	15.74	198	5145	2.663	ng		76
66) n-Nitrosodiphenylamine	15.88	169	79540	3.891	ng		99
67) 4-Bromophenyl-phenylether	16.56	248	25779	3.499	ng		86
68) Hexachlorobenzene	16.68	284	28336	3.833	ng	#	87
69) Atrazine	16.83	200	26015	4.304	ng		97
70) Pentachlorophenol	17.02	266	11398	2.773	ng	#	90
71) Phenanthrene	17.41	178	143892	4.126	ng		97
72) Anthracene	17.50	178	150504	4.253	ng		95
73) Carbazole	17.76	167	139284	3.926	ng		95
74) Di-n-butylphthalate	18.34	149	166291	3.879	ng		97
75) Fluoranthene	19.42	202	166379	4.127	ng		96
77) Benzidine	19.60	184	78446	4.634	ng		96
78) Pyrene	19.78	202	172972	4.280	ng		93
80) Butylbenzylphthalate	20.68	149	63919	3.347	ng		93
81) Benzo(a)anthracene	21.61	228	153835	3.952	ng		94
82) 3,3'-Dichlorobenzidine	21.52	252	55228	3.840	ng		95
83) Chrysene	21.68	228	146780	3.958	ng		93
84) Bis(2-ethylhexyl)phthalate	21.55	149	98550	3.555	ng		97
85) Di-n-octyl phthalate	22.75	149	167694	3.486	ng		99
87) Indeno(1,2,3-cd)pyrene	28.35	276	169416	3.933	ng	#	67
88) Benzo(b)fluoranthene	23.78	252	150106	4.016	ng		100
89) Benzo(k)fluoranthene	23.85	252	144567	4.091	ng		95
90) Benzo(a)pyrene	24.63	252	134997	3.841	ng		95
91) Dibenzo(a,h)anthracene	28.42	278	140683	4.050	ng	#	95
92) Benzo(g,h,i)perylene	29.45	276	141922	4.060	ng		96

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

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