Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG052020\
Data File : BG045435.D
Acq On : 20 May 2020 14:15
Operator : CG/JU
Sample : L2182-09
Misc : MDL-8PPM
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2020

Manual Integrations APPROVED
mohammad
5/21/2020 10:23:21 AM

Quant Time: May 20 15:57:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 20 14:43:36 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	81015	20.00	ng		0.00
21) Naphthalene-d8	10.77	136	342112	20.00	ng		0.00
39) Acenaphthene-d10	14.60	164	255747	20.00	ng		0.00
64) Phenanthrene-d10	17.35	188	623306	20.00	ng		0.00
76) Chrysene-d12	21.61	240	622586	20.00	ng		0.00
87) Perylene-d12	24.77	264	661731	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	409590	98.80	ng		0.00
7) Phenol-d6	7.19	99	598034	101.36	ng		0.00
23) Nitrobenzene-d5	9.12	82	423819	67.56	ng		0.00
42) 2,4,6-Tribromophenol	16.10	330	367513	112.36	ng		0.00
45) 2-Fluorobiphenyl	13.22	172	1050436	69.67	ng		0.00
79) Terphenyl-d14	19.97	244	2009548	75.28	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	10319	5.02	ng		98
3) Pyridine	3.82	79	22777	3.98	ng	#	81
4) n-Nitrosodimethylamine	3.73	42	7759	4.14	ng	#	80
6) Aniline	7.29	93	41107	5.34	ng	#	92
8) 2-Chlorophenol	7.54	128	24884	5.47	ng		93
9) Benzaldehyde	7.09	77	23988	6.24	ng		95
10) Phenol	7.21	94	32322	5.32	ng		91
11) bis(2-Chloroethyl)ether	7.38	93	24250	5.11	ng		89
12) 1,3-Dichlorobenzene	7.85	146	28427	5.20	ng		93
13) 1,4-Dichlorobenzene	8.00	146	29814	5.53	ng		93
14) 1,2-Dichlorobenzene	8.31	146	27877	5.38	ng		98
15) Benzyl Alcohol	8.21	79	23443	4.81	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.49	45	23769	5.28	ng		95
17) 2-Methylphenol	8.45	107	23150	5.09	ng	#	93
18) Hexachloroethane	9.05	117	10728	5.20	ng		92
19) n-Nitroso-di-n-propylamine	8.77	70	23366	5.73	ng		95
20) 3+4-Methylphenols	8.79	107	28330m	4.57	ng		
22) Acetophenone	8.79	105	42237	5.21	ng	#	90
24) Nitrobenzene	9.16	77	35026	5.21	ng		100
25) Isophorone	9.68	82	65134	5.27	ng		98
26) 2-Nitrophenol	9.88	139	14709	5.12	ng	#	81
27) 2,4-Dimethylphenol	9.98	122	23102	5.42	ng		95
28) bis(2-Chloroethoxy)methane	10.18	93	37254	5.75	ng	#	97
29) 2,4-Dichlorophenol	10.45	162	25975	5.16	ng		87
30) 1,2,4-Trichlorobenzene	10.63	180	32188	5.41	ng		98
31) Naphthalene	10.82	128	87246	5.47	ng		99
32) Benzoic acid	10.10	122	7026	11.94	ng		91
33) 4-Chloroaniline	10.94	127	33712	5.06	ng		98
34) Hexachlorobutadiene	11.12	225	21785	5.18	ng		96
35) Caprolactam	11.67	113	10530	5.70	ng		95
36) 4-Chloro-3-methylphenol	12.10	107	30926	5.45	ng		97
37) 2-Methylnaphthalene	12.43	142	66105	5.56	ng		94
38) 1-Methylnaphthalene	12.65	142	67004	5.97	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.80	216	39029	5.46	ng		98

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	15654	3.80	ng		93
43) 2,4,6-Trichlorophenol	13.05	196	24743	4.99	ng		97
44) 2,4,5-Trichlorophenol	13.15	196	27802	4.90	ng		94
46) 1,1'-Biphenyl	13.44	154	89433	5.69	ng		97
47) 2-Chloronaphthalene	13.48	162	68325	5.35	ng		96
48) 2-Nitroaniline	13.69	65	19887	4.74	ng		90
49) Acenaphthylene	14.33	152	118295	5.77	ng		97
50) Dimethylphthalate	14.05	163	101355	5.78	ng		98
51) 2,6-Dinitrotoluene	14.18	165	22865	5.78	ng	#	86
52) Acenaphthene	14.67	154	69717	5.08	ng		98
53) 3-Nitroaniline	14.52	138	19840	4.93	ng	#	87
54) 2,4-Dinitrophenol	14.73	184	1131	5.87	ng		91
55) Dibenzofuran	15.00	168	119364	5.86	ng		95
56) 4-Nitrophenol	14.90	139	12262	4.02	ng		95
57) 2,4-Dinitrotoluene	14.97	165	29714	5.18	ng	#	97
58) Fluorene	15.66	166	100080	5.98	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.25	232	26157m	5.24	ng		
60) Diethylphthalate	15.42	149	105861	5.80	ng		99
61) 4-Chlorophenyl-phenylether	15.64	204	52861	5.52	ng		97
62) 4-Nitroaniline	15.68	138	22058	5.25	ng		89
63) Azobenzene	15.94	77	95625	5.62	ng		96
65) 4,6-Dinitro-2-methylphenol	15.74	198	14346	3.95	ng		98
66) n-Nitrosodiphenylamine	15.86	169	86981	5.81	ng		98
67) 4-Bromophenyl-phenylether	16.54	248	38617	5.72	ng	#	85
68) Hexachlorobenzene	16.67	284	42324	6.00	ng		98
69) Atrazine	16.81	200	36968	6.00	ng		94
71) Phenanthrene	17.39	178	167962	6.17	ng		98
72) Anthracene	17.49	178	171680	6.28	ng		97
73) Carbazole	17.76	167	157152	5.90	ng		95
74) Di-n-butylphthalate	18.32	149	188227	5.89	ng		97
75) Fluoranthene	19.40	202	219322	6.34	ng		95
77) Benzidine	19.59	184	83821	4.79	ng		97
78) Pyrene	19.77	202	223600	6.30	ng		99
80) Butylbenzylphthalate	20.66	149	85508	5.58	ng		94
81) Benzo(a)anthracene	21.60	228	216226	6.23	ng		95
82) 3,3'-Dichlorobenzidine	21.51	252	84284	6.20	ng		98
83) Chrysene	21.65	228	207151	6.21	ng		96
84) Bis(2-ethylhexyl)phthalate	21.51	149	120797	5.74	ng		97
85) Di-n-octyl phthalate	22.69	149	202032	5.59	ng		99
86) Indeno(1,2,3-cd)pyrene	28.32	276	244761	5.61	ng	#	93
88) Benzo(b)fluoranthene	23.76	252	205023m	5.78	ng		
89) Benzo(k)fluoranthene	23.83	252	217296	6.52	ng		99
90) Benzo(a)pyrene	24.61	252	192647	5.83	ng	#	95
91) Dibenzo(a,h)anthracene	28.39	278	203110	6.12	ng		97
92) Benzo(g,h,i)perylene	29.44	276	204750	6.16	ng		98

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

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