Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060519\
Data File : BG041075.D
Acq On : 5 Jun 2019 16:58
Operator : HP/JU
Sample : K2241-07
Misc : LOD-WATER-5PPM
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

Manual Integrations APPROVED
mohammad
6/6/2019 3:42:24 PM

Quant Time: Jun 06 08:35:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 18:39:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	34140	20.00	ng		-0.01
21) Naphthalene-d8	10.93	136	127356	20.00	ng		-0.02
39) Acenaphthene-d10	14.74	164	88824	20.00	ng		-0.01
64) Phenanthrene-d10	17.49	188	228989	20.00	ng		-0.01
76) Chrysene-d12	21.76	240	265426	20.00	ng		-0.03
87) Perylene-d12	25.09	264	289203	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	284753	150.40	ng		0.00
7) Phenol-d6	7.25	99	393546	134.59	ng		-0.01
23) Nitrobenzene-d5	9.29	82	271261	94.56	ng		-0.01
42) 2,4,6-Tribromophenol	16.22	330	208807	158.35	ng		-0.02
45) 2-Fluorobiphenyl	13.36	172	594564	96.40	ng		-0.02
79) Terphenyl-d14	20.08	244	1153756	92.25	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	5670	6.600	ng		93
3) Pyridine	3.93	79	12389	4.873	ng	#	88
4) n-Nitrosodimethylamine	3.86	42	6349	5.381	ng	#	94
6) Aniline	7.43	93	17597	4.509	ng		96
8) 2-Chlorophenol	7.67	128	10948	4.850	ng		92
9) Benzaldehyde	7.25	77	12358	7.085	ng	#	77
10) Phenol	7.28	94	14230	4.539	ng		93
11) bis(2-Chloroethyl)ether	7.53	93	10466	4.602	ng		91
12) 1,3-Dichlorobenzene	8.00	146	12999m	4.822	ng		
13) 1,4-Dichlorobenzene	8.15	146	13697	5.019	ng		91
14) 1,2-Dichlorobenzene	8.46	146	13478	5.087	ng		87
15) Benzyl Alcohol	8.35	79	11362	4.201	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.63	45	16834	4.530	ng		92
17) 2-Methylphenol	8.55	107	9291	4.093	ng	#	88
18) Hexachloroethane	9.20	117	4901	4.660	ng		89
19) n-Nitroso-di-n-propylamine	8.91	70	8960	3.982	ng		91
20) 3+4-Methylphenols	8.87	107	13812	4.393	ng		90
22) Acetophenone	8.94	105	19321	5.408	ng	#	93
24) Nitrobenzene	9.33	77	15534	5.313	ng		97
25) Isophorone	9.84	82	26949	4.936	ng		95
26) 2-Nitrophenol	10.05	139	5968	4.952	ng		90
27) 2,4-Dimethylphenol	10.08	122	9236	4.640	ng		96
28) bis(2-Chloroethoxy)methane	10.33	93	13499	4.581	ng	#	88
29) 2,4-Dichlorophenol	10.58	162	11308	4.474	ng		98
30) 1,2,4-Trichlorobenzene	10.79	180	14489	5.039	ng		98
31) Naphthalene	10.98	128	36231	5.299	ng		98
32) Benzoic acid	10.23	122	334	8.309	ng	#	36
33) 4-Chloroaniline	11.10	127	14649	4.617	ng	#	91
34) Hexachlorobutadiene	11.25	225	10396	4.725	ng		92
35) Caprolactam	11.85	113	3708	4.442	ng	#	85
36) 4-Chloro-3-methylphenol	12.20	107	13001	4.504	ng	#	95
37) 2-Methylnaphthalene	12.58	142	26132m	4.962	ng		
38) 1-Methylnaphthalene	12.80	142	25766	5.192	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	18770	5.243	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	5658	10.873	ng		97
43) 2,4,6-Trichlorophenol	13.18	196	10480	4.525	ng		86
44) 2,4,5-Trichlorophenol	13.26	196	12493	5.115	ng	#	88
46) 1,1'-Biphenyl	13.57	154	35096	5.338	ng		96
47) 2-Chloronaphthalene	13.63	162	28491	5.048	ng		98
48) 2-Nitroaniline	13.83	65	9233	4.560	ng		100
49) Acenaphthylene	14.47	152	44835	5.278	ng	#	93
50) Dimethylphthalate	14.19	163	37608	5.002	ng		97
51) 2,6-Dinitrotoluene	14.32	165	7656	4.723	ng		91
52) Acenaphthene	14.80	154	25441	4.943	ng		91
53) 3-Nitroaniline	14.66	138	7449	4.595	ng	#	69
54) 2,4-Dinitrophenol	14.90	184	261	8.642	ng	#	18
55) Dibenzofuran	15.14	168	46542	5.375	ng		98
56) 4-Nitrophenol	14.96	139	3268	2.939	ng	#	83
57) 2,4-Dinitrotoluene	15.10	165	11200	4.891	ng	#	90
58) Fluorene	15.78	166	35324	5.122	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.36	232	12650	5.270	ng	#	94
60) Diethylphthalate	15.54	149	37239	4.853	ng		97
61) 4-Chlorophenyl-phenylether	15.77	204	21213	4.732	ng		99
62) 4-Nitroaniline	15.81	138	8088	4.713	ng		88
63) Azobenzene	16.07	77	35178	5.044	ng		97
65) 4,6-Dinitro-2-methylphenol	15.87	198	2829	10.482	ng		87
66) n-Nitrosodiphenylamine	15.98	169	32055	4.980	ng		91
67) 4-Bromophenyl-phenylether	16.67	248	13847	4.481	ng		95
68) Hexachlorobenzene	16.78	284	14435	4.387	ng		95
69) Atrazine	16.92	200	12851	5.174	ng		95
70) Pentachlorophenol	17.14	266	4203	6.513	ng	#	85
71) Phenanthrene	17.53	178	63017	5.283	ng		98
72) Anthracene	17.62	178	62273	5.294	ng		96
73) Carbazole	17.89	167	57897	5.736	ng		99
74) Di-n-butylphthalate	18.42	149	60940	4.858	ng		100
75) Fluoranthene	19.53	202	86320	5.859	ng		95
77) Benzidine	19.71	184	33399	5.275	ng		97
78) Pyrene	19.89	202	90036m	5.218	ng		
80) Butylbenzylphthalate	20.76	149	31289	4.660	ng		98
81) Benzo(a)anthracene	21.74	228	96150	5.442	ng		97
82) 3,3'-Dichlorobenzidine	21.66	252	33171	5.338	ng	#	93
83) Chrysene	21.81	228	90083	5.328	ng		97
84) Bis(2-ethylhexyl)phthalate	21.61	149	46426	4.912	ng		94
85) Di-n-octyl phthalate	22.85	149	82378	5.233	ng		96
86) Indeno(1,2,3-cd)pyrene	28.90	276	104000	5.021	ng	#	88
88) Benzo(b)fluoranthene	24.02	252	88803	5.063	ng		97
89) Benzo(k)fluoranthene	24.09	252	89404m	5.151	ng		
90) Benzo(a)pyrene	24.93	252	87370	5.221	ng		98
91) Dibenzo(a,h)anthracene	28.97	278	81970	4.902	ng	#	97
92) Benzo(g,h,i)perylene	30.10	276	85867	5.285	ng		94

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

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