Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062419\
Data File : BM021146.D
Acq On : 24 Jun 2019 16:02
Operator : HP/JU
Sample : K2241-07
Misc : LOD-WATERL-5PPM
ALS Vial : 6 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
6/28/2019 8:26:01 AM

Quant Time: Jun 25 04:48:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM062019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 20 15:39:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	345718	20.00	ng		0.00
21) Naphthalene-d8	10.56	136	1459922	20.00	ng		0.00
39) Acenaphthene-d10	14.42	164	995137	20.00	ng		0.00
64) Phenanthrene-d10	17.16	188	2520191	20.00	ng		0.00
76) Chrysene-d12	21.35	240	2561646	20.00	ng		0.00
87) Perylene-d12	23.63	264	2428703	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	2580237	135.14	ng		0.00
7) Phenol-d6	6.95	99	3680560	132.37	ng		0.00
23) Nitrobenzene-d5	8.94	82	2403746	85.81	ng		0.00
42) 2,4,6-Tribromophenol	15.91	330	2929076	156.86	ng		0.00
45) 2-Fluorobiphenyl	13.03	172	7050395	87.07	ng		0.00
79) Terphenyl-d14	19.79	244	12009027	87.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.32	88	36611	5.090	ng		98
3) Pyridine	3.73	79	98430	4.758	ng		97
4) n-Nitrosodimethylamine	3.64	42	33416	4.195	ng	#	86
6) Aniline	7.12	93	159621	4.310	ng		99
8) 2-Chlorophenol	7.34	128	111442	4.743	ng		95
9) Benzaldehyde	6.93	77	105138	2.874	ng		98
10) Phenol	6.98	94	132651	4.670	ng		98
11) bis(2-Chloroethyl)ether	7.21	93	102668	4.565	ng		100
12) 1,3-Dichlorobenzene	7.66	146	127558	4.481	ng		98
13) 1,4-Dichlorobenzene	7.81	146	130574	4.511	ng		99
14) 1,2-Dichlorobenzene	8.12	146	127224	4.485	ng		98
15) Benzyl Alcohol	8.02	79	95904	4.260	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.30	45	128890	4.431	ng		98
17) 2-Methylphenol	8.21	107	88345	4.354	ng		99
18) Hexachloroethane	8.84	117	45147	4.344	ng		98
19) n-Nitroso-di-n-propylamine	8.58	70	90947	4.495	ng		99
20) 3+4-Methylphenols	8.54	107	121766	4.360	ng		96
22) Acetophenone	8.60	105	180951	4.864	ng		97
24) Nitrobenzene	8.98	77	145203	5.233	ng		99
25) Isophorone	9.50	82	246884	4.710	ng		99
26) 2-Nitrophenol	9.69	139	57832	4.256	ng		98
27) 2,4-Dimethylphenol	9.74	122	84465	4.262	ng		96
28) bis(2-Chloroethoxy)methane	9.98	93	153431	4.711	ng		99
29) 2,4-Dichlorophenol	10.21	162	114199	4.453	ng		98
30) 1,2,4-Trichlorobenzene	10.42	180	141894	4.693	ng		99
31) Naphthalene	10.61	128	384799	4.981	ng		98
32) Benzoic acid	9.83	122	58138m	3.626	ng		
33) 4-Chloroaniline	10.73	127	156176	4.453	ng		98
34) Hexachlorobutadiene	10.88	225	84913	4.448	ng		98
35) Caprolactam	11.53	113	33693	4.200	ng		93
36) 4-Chloro-3-methylphenol	11.85	107	123502	4.732	ng		97
37) 2-Methylnaphthalene	12.22	142	299748	5.042	ng		98
38) 1-Methylnaphthalene	12.45	142	286412	5.051	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.59	216	175442	4.658	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.56	237	60945	2.791	ng	97
43) 2,4,6-Trichlorophenol	12.84	196	104092	4.176	ng	97
44) 2,4,5-Trichlorophenol	12.91	196	115200	4.463	ng	98
46) 1,1'-Biphenyl	13.25	154	420349	4.935	ng	99
47) 2-Chloronaphthalene	13.29	162	323525	4.677	ng	99
48) 2-Nitroaniline	13.50	65	73365	3.877	ng	95
49) Acenaphthylene	14.13	152	508516	4.831	ng	99
50) Dimethylphthalate	13.87	163	413097	4.669	ng	100
51) 2,6-Dinitrotoluene	14.00	165	85791	4.507	ng	97
52) Acenaphthene	14.48	154	302775	4.767	ng	98
53) 3-Nitroaniline	14.33	138	77500	3.994	ng	99
54) 2,4-Dinitrophenol	14.55	184	26678	2.609	ng	97
55) Dibenzofuran	14.81	168	522325	5.041	ng	99
56) 4-Nitrophenol	14.64	139	52875	3.563	ng	94
57) 2,4-Dinitrotoluene	14.79	165	112591	4.284	ng	93
58) Fluorene	15.46	166	416303	4.918	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.04	232	113041	4.584	ng	97
60) Diethylphthalate	15.24	149	407800	4.680	ng	99
61) 4-Chlorophenyl-phenylether	15.46	204	227658	4.760	ng	95
62) 4-Nitroaniline	15.50	138	77464	3.803	ng	99
63) Azobenzene	15.75	77	346882	4.853	ng	97
65) 4,6-Dinitro-2-methylphenol	15.55	198	50886	3.275	ng	95
66) n-Nitrosodiphenylamine	15.68	169	362433	4.563	ng	99
67) 4-Bromophenyl-phenylether	16.36	248	145325	4.332	ng	99
68) Hexachlorobenzene	16.46	284	176959	4.415	ng	97
69) Atrazine	16.63	200	124877	4.834	ng	99
70) Pentachlorophenol	16.81	266	87470	4.051	ng	98
71) Phenanthrene	17.20	178	711213	4.897	ng	99
72) Anthracene	17.29	178	669427	4.653	ng	100
73) Carbazole	17.57	167	606329	4.766	ng	99
74) Di-n-butylphthalate	18.13	149	691055	4.437	ng	100
75) Fluoranthene	19.22	202	846826	5.049	ng	100
77) Benzidine	19.42	184	170705	2.295	ng	99
78) Pyrene	19.59	202	879224	4.733	ng	99
80) Butylbenzylphthalate	20.49	149	328889	4.441	ng	97
81) Benzo(a)anthracene	21.33	228	869340	4.978	ng	100
82) 3,3'-Dichlorobenzidine	21.27	252	263853	3.989	ng	99
83) Chrysene	21.39	228	816821	4.910	ng	99
84) Bis(2-ethylhexyl)phthalate	21.26	149	473172	4.490	ng	97
85) Di-n-octyl phthalate	22.15	149	760269	4.587	ng	100
86) Indeno(1,2,3-cd)pyrene	25.92	276	765856	4.161	ng	99
88) Benzo(b)fluoranthene	22.94	252	800866	4.888	ng	99
89) Benzo(k)fluoranthene	22.99	252	751740	4.746	ng	100
90) Benzo(a)pyrene	23.53	252	705550	4.772	ng	98
91) Dibenzo(a,h)anthracene	25.93	278	640702	4.347	ng	100
92) Benzo(g,h,i)perylene	26.62	276	616862	4.488	ng	100

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

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