Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062419\
Data File : BM021147.D
Acq On : 24 Jun 2019 16:38
Operator : HP/JU
Sample : K2241-07
Misc : LOD-WATER-8PPM
ALS Vial : 7 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
6/28/2019 8:26:04 AM

Quant Time: Jun 25 04:49:49 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	7.77	152	348471	20.00	ng		-0.01
21) Naphthalene-d8	10.56	136	1111561	20.00	ng		-0.01
39) Acenaphthene-d10	14.41	164	651449	20.00	ng		-0.01
64) Phenanthrene-d10	17.16	188	1416380	20.00	ng		-0.01
76) Chrysene-d12	21.34	240	1195667	20.00	ng		0.00
87) Perylene-d12	23.62	264	1278802	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	2123205	110.33	ng		0.00
7) Phenol-d6	6.95	99	2679993	95.63	ng		0.00
23) Nitrobenzene-d5	8.93	82	1485408	69.64	ng		-0.01
42) 2,4,6-Tribromophenol	15.90	330	1280691	104.77	ng		-0.01
45) 2-Fluorobiphenyl	13.03	172	3938012	74.29	ng		-0.01
79) Terphenyl-d14	19.79	244	5259123	82.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.32	88	56055	7.731	ng		99
3) Pyridine	3.73	79	142825	6.850	ng		98
4) n-Nitrosodimethylamine	3.64	42	50868	6.336	ng	#	91
6) Aniline	7.11	93	195115	5.227	ng		99
8) 2-Chlorophenol	7.33	128	152596	6.443	ng		99
9) Benzaldehyde	6.93	77	124259	4.137	ng		98
10) Phenol	6.97	94	178679	6.241	ng		96
11) bis(2-Chloroethyl)ether	7.20	93	118632	5.234	ng		98
12) 1,3-Dichlorobenzene	7.66	146	187820	6.545	ng		98
13) 1,4-Dichlorobenzene	7.80	146	190289	6.522	ng		97
14) 1,2-Dichlorobenzene	8.12	146	179016	6.261	ng		99
15) Benzyl Alcohol	8.02	79	107369	4.732	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.30	45	146079	4.982	ng		97
17) 2-Methylphenol	8.21	107	106395	5.202	ng		97
18) Hexachloroethane	8.83	117	65558	6.259	ng		90
19) n-Nitroso-di-n-propylamine	8.57	70	93987	4.608	ng		99
20) 3+4-Methylphenols	8.53	107	136586	4.852	ng		98
22) Acetophenone	8.59	105	193433	6.829	ng	#	100
24) Nitrobenzene	8.97	77	154459	7.311	ng		100
25) Isophorone	9.49	82	250071	6.266	ng		99
26) 2-Nitrophenol	9.68	139	62245	6.017	ng		98
27) 2,4-Dimethylphenol	9.73	122	79104	5.243	ng		99
28) bis(2-Chloroethoxy)methane	9.98	93	154190	6.218	ng		99
29) 2,4-Dichlorophenol	10.21	162	127008	6.504	ng		99
30) 1,2,4-Trichlorobenzene	10.42	180	164069	7.127	ng		97
31) Naphthalene	10.60	128	417638	7.100	ng		99
32) Benzoic acid	9.82	122	50596m	4.145	ng		
33) 4-Chloroaniline	10.73	127	159292	5.965	ng		99
34) Hexachlorobutadiene	10.88	225	96697	6.653	ng		95
35) Caprolactam	11.52	113	27739	4.541	ng		96
36) 4-Chloro-3-methylphenol	11.85	107	119443	6.011	ng		98
37) 2-Methylnaphthalene	12.22	142	305829	6.757	ng		97
38) 1-Methylnaphthalene	12.44	142	291703	6.757	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.59	216	180025	7.301	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.56	237	64636	4.522	ng	98
43) 2,4,6-Trichlorophenol	12.83	196	102237	6.266	ng	99
44) 2,4,5-Trichlorophenol	12.91	196	110072	6.515	ng	98
46) 1,1'-Biphenyl	13.24	154	403063	7.229	ng	99
47) 2-Chloronaphthalene	13.28	162	316119	6.981	ng	98
48) 2-Nitroaniline	13.50	65	64245	5.186	ng	97
49) Acenaphthylene	14.13	152	483489	7.016	ng	99
50) Dimethylphthalate	13.87	163	378239	6.530	ng	100
51) 2,6-Dinitrotoluene	13.99	165	74986	6.018	ng	94
52) Acenaphthene	14.47	154	285943	6.877	ng	99
53) 3-Nitroaniline	14.33	138	64263	5.059	ng	95
54) 2,4-Dinitrophenol	14.54	184	22348	3.339	ng	94
55) Dibenzofuran	14.81	168	477005	7.033	ng	98
56) 4-Nitrophenol	14.64	139	40683	4.188	ng	96
57) 2,4-Dinitrotoluene	14.79	165	91900	5.341	ng	95
58) Fluorene	15.46	166	368858	6.656	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.04	232	98373	6.094	ng	99
60) Diethylphthalate	15.23	149	353612	6.199	ng	98
61) 4-Chlorophenyl-phenylether	15.46	204	204714	6.539	ng	99
62) 4-Nitroaniline	15.49	138	58397	4.380	ng	91
63) Azobenzene	15.75	77	301178	6.436	ng	97
65) 4,6-Dinitro-2-methylphenol	15.54	198	37674	4.314	ng	88
66) n-Nitrosodiphenylamine	15.67	169	306434	6.864	ng	99
67) 4-Bromophenyl-phenylether	16.35	248	123922	6.572	ng	97
68) Hexachlorobenzene	16.46	284	149183	6.623	ng	98
69) Atrazine	16.63	200	93906	6.468	ng	98
70) Pentachlorophenol	16.81	266	64856	5.344	ng	97
71) Phenanthrene	17.20	178	574860	7.042	ng	100
72) Anthracene	17.29	178	533623	6.599	ng	99
73) Carbazole	17.57	167	448007	6.266	ng	99
74) Di-n-butylphthalate	18.13	149	507340	5.797	ng	100
75) Fluoranthene	19.22	202	597482	6.338	ng	99
77) Benzidine	19.42	184	128046	3.688	ng	97
78) Pyrene	19.58	202	615952	7.103	ng	98
80) Butylbenzylphthalate	20.48	149	195518	5.657	ng	93
81) Benzo(a)anthracene	21.33	228	578712	7.100	ng	100
82) 3,3'-Dichlorobenzidine	21.27	252	185888	6.021	ng	99
83) Chrysene	21.38	228	548385	7.063	ng	99
84) Bis(2-ethylhexyl)phthalate	21.26	149	273512	5.560	ng	99
85) Di-n-octyl phthalate	22.14	149	447472	5.784	ng	99
86) Indeno(1,2,3-cd)pyrene	25.91	276	665209	7.743	ng	99
88) Benzo(b)fluoranthene	22.93	252	584778	6.778	ng	100
89) Benzo(k)fluoranthene	22.98	252	551701	6.616	ng	99
90) Benzo(a)pyrene	23.51	252	536693	6.894	ng	99
91) Dibenzo(a,h)anthracene	25.92	278	558184	7.192	ng	98
92) Benzo(g,h,i)perylene	26.61	276	545145	7.532	ng	99

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

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