Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062119\
Data File : BM021077.D
Acq On : 21 Jun 2019 09:53
Operator : HP/JU
Sample : K2241-09
Misc : LOD-W-8PPM
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

Manual Integrations APPROVED
mohammad
6/25/2019 3:22:52 PM

Quant Time: Jun 22 00:01:38 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	226498	20.00	ng		0.00
21) Naphthalene-d8	10.57	136	962775	20.00	ng		0.00
39) Acenaphthene-d10	14.42	164	657064	20.00	ng		0.00
64) Phenanthrene-d10	17.17	188	1572562	20.00	ng		0.00
76) Chrysene-d12	21.34	240	1435980	20.00	ng		0.00
87) Perylene-d12	23.62	264	1477600	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	1519912	121.51	ng		0.00
7) Phenol-d6	6.95	99	2134139	117.16	ng		0.00
23) Nitrobenzene-d5	8.94	82	1510530	81.77	ng		0.00
42) 2,4,6-Tribromophenol	15.91	330	1638204	132.87	ng		0.00
45) 2-Fluorobiphenyl	13.04	172	4705561	88.01	ng		0.00
79) Terphenyl-d14	19.79	244	7935063	103.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.32	88	38872	8.248	ng		97
3) Pyridine	3.73	79	96673	7.134	ng		98
4) n-Nitrosodimethylamine	3.64	42	38210	7.323	ng	#	82
6) Aniline	7.12	93	165644	6.828	ng		99
8) 2-Chlorophenol	7.34	128	115642	7.512	ng		97
9) Benzaldehyde	6.93	77	109641	7.256	ng		99
10) Phenol	6.98	94	136211	7.319	ng		100
11) bis(2-Chloroethyl)ether	7.21	93	108741	7.381	ng		99
12) 1,3-Dichlorobenzene	7.66	146	133005	7.131	ng		97
13) 1,4-Dichlorobenzene	7.82	146	137121	7.231	ng		100
14) 1,2-Dichlorobenzene	8.13	146	133087	7.162	ng		99
15) Benzyl Alcohol	8.02	79	103128	6.992	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.30	45	145602	7.640	ng		99
17) 2-Methylphenol	8.22	107	95345	7.173	ng		98
18) Hexachloroethane	8.85	117	47995	7.049	ng		92
19) n-Nitroso-di-n-propylamine	8.58	70	100148	7.555	ng		99
20) 3+4-Methylphenols	8.54	107	127154	6.949	ng		97
22) Acetophenone	8.60	105	203091	8.278	ng	#	99
24) Nitrobenzene	8.98	77	152027	8.308	ng		100
25) Isophorone	9.50	82	268756	7.775	ng		99
26) 2-Nitrophenol	9.69	139	59817	6.676	ng		95
27) 2,4-Dimethylphenol	9.74	122	107306	8.211	ng		99
28) bis(2-Chloroethoxy)methane	9.99	93	164524	7.660	ng		98
29) 2,4-Dichlorophenol	10.22	162	118767	7.022	ng		99
30) 1,2,4-Trichlorobenzene	10.43	180	147689	7.407	ng		99
31) Naphthalene	10.62	128	403227	7.914	ng		99
32) Benzoic acid	9.83	122	61853m	5.850	ng		
33) 4-Chloroaniline	10.74	127	166719	7.208	ng		99
34) Hexachlorobutadiene	10.89	225	90705	7.205	ng		99
35) Caprolactam	11.53	113	34748	6.568	ng		97
36) 4-Chloro-3-methylphenol	11.85	107	127533	7.410	ng		96
37) 2-Methylnaphthalene	12.23	142	314070	8.011	ng		99
38) 1-Methylnaphthalene	12.45	142	302379	8.087	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.60	216	194885	7.836	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.57	237	97624	6.771 ng	96
43) 2,4,6-Trichlorophenol	12.84	196	107976	6.561 ng	99
44) 2,4,5-Trichlorophenol	12.92	196	117439	6.891 ng	99
46) 1,1'-Biphenyl	13.25	154	462078	8.217 ng	99
47) 2-Chloronaphthalene	13.29	162	339779	7.439 ng	99
48) 2-Nitroaniline	13.50	65	78601	6.291 ng	95
49) Acenaphthylene	14.14	152	533992	7.683 ng	100
50) Dimethylphthalate	13.87	163	445500	7.626 ng	99
51) 2,6-Dinitrotoluene	14.00	165	90914	7.234 ng	98
52) Acenaphthene	14.48	154	319411	7.616 ng	99
53) 3-Nitroaniline	14.33	138	81274	6.343 ng	97
54) 2,4-Dinitrophenol	14.55	184	33572	4.973 ng	98
55) Dibenzofuran	14.82	168	539885	7.892 ng	98
56) 4-Nitrophenol	14.64	139	63284	6.459 ng	95
57) 2,4-Dinitrotoluene	14.79	165	116003	6.684 ng	96
58) Fluorene	15.47	166	431323	7.716 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.04	232	116773	7.171 ng	96
60) Diethylphthalate	15.25	149	434900	7.559 ng	99
61) 4-Chlorophenyl-phenylether	15.46	204	234855	7.437 ng	94
62) 4-Nitroaniline	15.50	138	84115	6.255 ng	94
63) Azobenzene	15.76	77	370099	7.842 ng	97
65) 4,6-Dinitro-2-methylphenol	15.55	198	48780	5.031 ng	92
66) n-Nitrosodiphenylamine	15.68	169	379920	7.665 ng	99
67) 4-Bromophenyl-phenylether	16.36	248	148433	7.090 ng	96
68) Hexachlorobenzene	16.46	284	180544	7.219 ng	99
69) Atrazine	16.63	200	123315	7.651 ng	98
70) Pentachlorophenol	16.82	266	82614	6.131 ng	97
71) Phenanthrene	17.21	178	712604	7.863 ng	100
72) Anthracene	17.30	178	696506	7.758 ng	99
73) Carbazole	17.57	167	599361	7.551 ng	99
74) Di-n-butylphthalate	18.13	149	677384	6.971 ng	100
75) Fluoranthene	19.22	202	799242	7.637 ng	99
77) Benzidine	19.42	184	266898	6.401 ng	99
78) Pyrene	19.59	202	821712	7.890 ng	99
80) Butylbenzylphthalate	20.49	149	274009	6.601 ng	97
81) Benzo(a)anthracene	21.33	228	752684	7.689 ng	98
82) 3,3'-Dichlorobenzidine	21.27	252	267813	7.223 ng	99
83) Chrysene	21.38	228	748597	8.028 ng	99
84) Bis(2-ethylhexyl)phthalate	21.26	149	398613	6.747 ng	97
85) Di-n-octyl phthalate	22.14	149	640326	6.892 ng	99
86) Indeno(1,2,3-cd)pyrene	25.92	276	803718	7.789 ng	99
88) Benzo(b)fluoranthene	22.93	252	740904	7.433 ng	99
89) Benzo(k)fluoranthene	22.98	252	738568	7.665 ng	99
90) Benzo(a)pyrene	23.52	252	688378	7.653 ng	99
91) Dibenzo(a,h)anthracene	25.93	278	675997	7.538 ng	100
92) Benzo(g,h,i)perylene	26.63	276	655108	7.834 ng	98

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

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