Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041519\
Data File : BM019922.D
Acq On : 15 Apr 2019 20:24
Operator : JU/SJ
Sample : K1560-07
Misc : LOD 16PPM
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

Manual Integrations APPROVED
Sohil
4/16/2019 5:25:51 PM

Quant Time: Apr 16 03:38:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM041519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 15 16:16:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	108880	20.00	ng		0.00
21) Naphthalene-d8	10.31	136	496368	20.00	ng		0.00
39) Acenaphthene-d10	14.19	164	299186	20.00	ng		0.00
64) Phenanthrene-d10	16.96	188	648348	20.00	ng		0.00
76) Chrysene-d12	21.17	240	599640	20.00	ng		0.00
87) Perylene-d12	23.37	264	571592	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.14	112	755914	112.52	ng		0.00
7) Phenol-d6	6.72	99	1104206	109.21	ng		0.00
23) Nitrobenzene-d5	8.70	82	741246	66.78	ng		0.00
42) 2,4,6-Tribromophenol	15.71	330	542341	112.61	ng		0.00
45) 2-Fluorobiphenyl	12.80	172	1597065	66.52	ng		0.00
79) Terphenyl-d14	19.61	244	2422777	71.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.12	88	42017	14.493	ng		99
3) Pyridine	3.54	79	99297	12.230	ng		98
4) n-Nitrosodimethylamine	3.46	42	31766	12.145	ng	#	96
6) Aniline	6.88	93	169275	12.962	ng		99
8) 2-Chlorophenol	7.10	128	111700	13.368	ng		99
9) Benzaldehyde	6.71	77	99634	14.079	ng		97
10) Phenol	6.75	94	145353	13.158	ng		92
11) bis(2-Chloroethyl)ether	6.98	93	104351	12.911	ng		99
12) 1,3-Dichlorobenzene	7.42	146	120172	13.699	ng		97
13) 1,4-Dichlorobenzene	7.56	146	122081	13.716	ng		99
14) 1,2-Dichlorobenzene	7.87	146	119252	13.513	ng		99
15) Benzyl Alcohol	7.80	79	117691	12.804	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.06	45	104606	13.577	ng		99
17) 2-Methylphenol	7.99	107	93506	12.789	ng		98
18) Hexachloroethane	8.57	117	46803	13.528	ng		95
19) n-Nitroso-di-n-propylamine	8.34	70	113401	12.759	ng		98
20) 3+4-Methylphenols	8.33	107	123194	12.266	ng		98
22) Acetophenone	8.37	105	181009	13.389	ng		99
24) Nitrobenzene	8.75	77	163350	14.207	ng		99
25) Isophorone	9.26	82	290459	13.444	ng		98
26) 2-Nitrophenol	9.45	139	61090	12.468	ng		94
27) 2,4-Dimethylphenol	9.52	122	83830	12.100	ng		94
28) bis(2-Chloroethoxy)methane	9.75	93	157815	13.044	ng		99
29) 2,4-Dichlorophenol	10.00	162	99253	12.614	ng		97
30) 1,2,4-Trichlorobenzene	10.17	180	114311	13.498	ng		98
31) Naphthalene	10.36	128	368057	13.824	ng		99
32) Benzoic acid	9.66	122	59022m	13.162	ng		
33) 4-Chloroaniline	10.52	127	137047	12.495	ng		99
34) Hexachlorobutadiene	10.61	225	68673	13.749	ng		99
35) Caprolactam	11.33	113	32085	10.773	ng		93
36) 4-Chloro-3-methylphenol	11.64	107	127063	12.997	ng		97
37) 2-Methylnaphthalene	11.98	142	261448	13.488	ng		99
38) 1-Methylnaphthalene	12.21	142	260804	13.627	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.36	216	124700	13.511	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.31	237	12487	14.928	ng	93
43) 2,4,6-Trichlorophenol	12.63	196	80427	12.853	ng	98
44) 2,4,5-Trichlorophenol	12.71	196	80657	12.385	ng	95
46) 1,1'-Biphenyl	13.02	154	356341	13.751	ng	99
47) 2-Chloronaphthalene	13.06	162	269487	13.634	ng	99
48) 2-Nitroaniline	13.31	65	88541	12.427	ng	96
49) Acenaphthylene	13.92	152	457936	13.315	ng	98
50) Dimethylphthalate	13.67	163	359070	13.606	ng	100
51) 2,6-Dinitrotoluene	13.81	165	75769	12.984	ng	93
52) Acenaphthene	14.26	154	261326	13.704	ng	96
53) 3-Nitroaniline	14.15	138	71410	12.255	ng	97
54) 2,4-Dinitrophenol	14.40	184	23544	13.603	ng	96
55) Dibenzofuran	14.60	168	418018	13.406	ng	97
56) 4-Nitrophenol	14.50	139	36117	13.139	ng	91
57) 2,4-Dinitrotoluene	14.62	165	103475	12.336	ng	96
58) Fluorene	15.26	166	343288	12.992	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.84	232	76732	12.912	ng	96
60) Diethylphthalate	15.03	149	368886	13.440	ng	99
61) 4-Chlorophenyl-phenylether	15.25	204	163405	12.845	ng	93
62) 4-Nitroaniline	15.33	138	62126	10.821	ng	99
63) Azobenzene	15.54	77	394257	13.440	ng	97
65) 4,6-Dinitro-2-methylphenol	15.39	198	44285	10.705	ng	96
66) n-Nitrosodiphenylamine	15.47	169	286420	13.513	ng	100
67) 4-Bromophenyl-phenylether	16.15	248	100283	13.453	ng	98
68) Hexachlorobenzene	16.26	284	121888	13.628	ng	99
69) Atrazine	16.44	200	95665	13.295	ng	98
70) Pentachlorophenol	16.63	266	51715	11.316	ng	98
71) Phenanthrene	17.00	178	520608	13.531	ng	99
72) Anthracene	17.10	178	502652	13.124	ng	100
73) Carbazole	17.39	167	459040	12.837	ng	99
74) Di-n-butylphthalate	17.93	149	581969	12.393	ng	100
75) Fluoranthene	19.03	202	564495	12.749	ng	99
77) Benzidine	19.25	184	167809	10.143	ng	99
78) Pyrene	19.40	202	583328	14.690	ng	100
80) Butylbenzylphthalate	20.31	149	243841	12.666	ng	98
81) Benzo(a)anthracene	21.16	228	521177	13.720	ng	98
82) 3,3'-Dichlorobenzidine	21.11	252	191837	13.574	ng	99
83) Chrysene	21.22	228	503563	13.823	ng	98
84) Bis(2-ethylhexyl)phthalate	21.07	149	339506	11.845	ng	100
85) Di-n-octyl phthalate	21.94	149	563304	12.112	ng	99
86) Indeno(1,2,3-cd)pyrene	25.58	276	559492	15.613	ng	99
88) Benzo(b)fluoranthene	22.71	252	513607	13.532	ng	100
89) Benzo(k)fluoranthene	22.76	252	456852	12.786	ng	99
90) Benzo(a)pyrene	23.28	252	455118	13.533	ng	99
91) Dibenzo(a,h)anthracene	25.58	278	463670	14.300	ng	97
92) Benzo(g,h,i)perylene	26.26	276	441870	15.046	ng	99

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

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