Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041619\
Data File : BM019931.D
Acq On : 16 Apr 2019 13:35
Operator : JU/SJ
Sample : K1560-08
Misc : LOQ 20PPM
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2019

Manual Integrations APPROVED
Sohil
4/17/2019 4:05:17 PM

Quant Time: Apr 16 17:06:19 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	117399	20.00	ng		0.00
21) Naphthalene-d8	10.30	136	533741	20.00	ng		0.00
39) Acenaphthene-d10	14.19	164	314088	20.00	ng		0.00
64) Phenanthrene-d10	16.96	188	669019	20.00	ng		0.00
76) Chrysene-d12	21.17	240	605754	20.00	ng		0.00
87) Perylene-d12	23.37	264	593224	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.14	112	806705	111.36	ng		0.00
7) Phenol-d6	6.72	99	1174053	107.69	ng		0.00
23) Nitrobenzene-d5	8.70	82	804003	67.37	ng		0.00
42) 2,4,6-Tribromophenol	15.71	330	563586	111.47	ng		0.00
45) 2-Fluorobiphenyl	12.80	172	1740623	69.06	ng		0.00
79) Terphenyl-d14	19.60	244	2493657	72.61	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.12	88	54458	17.421	ng		98
3) Pyridine	3.53	79	145320	16.599	ng		97
4) n-Nitrosodimethylamine	3.46	42	44921	15.929	ng	#	87
6) Aniline	6.88	93	224442	15.939	ng		99
8) 2-Chlorophenol	7.10	128	148274	16.457	ng		97
9) Benzaldehyde	6.70	77	128763	17.317	ng		100
10) Phenol	6.75	94	191578	16.084	ng		93
11) bis(2-Chloroethyl)ether	6.98	93	139280	15.982	ng		100
12) 1,3-Dichlorobenzene	7.42	146	156057	16.499	ng		100
13) 1,4-Dichlorobenzene	7.56	146	158812	16.549	ng		99
14) 1,2-Dichlorobenzene	7.87	146	155167	16.307	ng		98
15) Benzyl Alcohol	7.80	79	155755	15.715	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.05	45	137735	16.579	ng		98
17) 2-Methylphenol	7.99	107	121073	15.358	ng		98
18) Hexachloroethane	8.57	117	60909	16.328	ng		95
19) n-Nitroso-di-n-propylamine	8.34	70	148828	15.530	ng		98
20) 3+4-Methylphenols	8.32	107	162362	14.993	ng		97
22) Acetophenone	8.37	105	237999	16.371	ng		99
24) Nitrobenzene	8.75	77	212821	17.214	ng		98
25) Isophorone	9.26	82	374440	16.117	ng		99
26) 2-Nitrophenol	9.45	139	80770	15.330	ng		99
27) 2,4-Dimethylphenol	9.51	122	111518	14.970	ng		95
28) bis(2-Chloroethoxy)methane	9.75	93	207879	15.979	ng		99
29) 2,4-Dichlorophenol	9.99	162	131667	15.562	ng		97
30) 1,2,4-Trichlorobenzene	10.17	180	149499	16.417	ng		99
31) Naphthalene	10.36	128	479385	16.745	ng		99
32) Benzoic acid	9.67	122	73120	14.392	ng		98
33) 4-Chloroaniline	10.51	127	183618	15.569	ng		99
34) Hexachlorobutadiene	10.61	225	89959	16.750	ng		96
35) Caprolactam	11.33	113	47805m	14.927	ng		
36) 4-Chloro-3-methylphenol	11.63	107	166010	15.791	ng		98
37) 2-Methylnaphthalene	11.98	142	340780	16.350	ng		99
38) 1-Methylnaphthalene	12.20	142	339449	16.495	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.36	216	162932	16.815	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.30	237	21437	17.002	ng	90
43) 2,4,6-Trichlorophenol	12.62	196	105297	16.029	ng	99
44) 2,4,5-Trichlorophenol	12.71	196	108950	15.935	ng	98
46) 1,1'-Biphenyl	13.02	154	462733	17.010	ng	100
47) 2-Chloronaphthalene	13.06	162	347769	16.759	ng	99
48) 2-Nitroaniline	13.31	65	117835	15.754	ng	97
49) Acenaphthylene	13.92	152	593255	16.432	ng	99
50) Dimethylphthalate	13.67	163	461039	16.641	ng	100
51) 2,6-Dinitrotoluene	13.80	165	100963	16.480	ng	89
52) Acenaphthene	14.26	154	336626	16.816	ng	99
53) 3-Nitroaniline	14.15	138	94175	15.395	ng	91
54) 2,4-Dinitrophenol	14.39	184	34698	16.076	ng	96
55) Dibenzofuran	14.60	168	542348	16.568	ng	99
56) 4-Nitrophenol	14.49	139	53482m	16.128	ng	
57) 2,4-Dinitrotoluene	14.62	165	135445	15.381	ng	99
58) Fluorene	15.25	166	443238	15.979	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.84	232	101033	16.195	ng	97
60) Diethylphthalate	15.03	149	471912	16.378	ng	99
61) 4-Chlorophenyl-phenylether	15.25	204	211453	15.833	ng	96
62) 4-Nitroaniline	15.33	138	82625	13.709	ng	99
63) Azobenzene	15.54	77	513925	16.688	ng	99
65) 4,6-Dinitro-2-methylphenol	15.39	198	58843	13.785	ng	91
66) n-Nitrosodiphenylamine	15.47	169	369730	16.904	ng	99
67) 4-Bromophenyl-phenylether	16.14	248	127463	16.571	ng	98
68) Hexachlorobenzene	16.25	284	153189	16.598	ng	98
69) Atrazine	16.44	200	122323	16.475	ng	98
70) Pentachlorophenol	16.62	266	68970	14.626	ng	99
71) Phenanthrene	17.00	178	660643	16.640	ng	99
72) Anthracene	17.10	178	641728	16.238	ng	100
73) Carbazole	17.39	167	584191	15.833	ng	99
74) Di-n-butylphthalate	17.93	149	732702	15.121	ng	99
75) Fluoranthene	19.03	202	704658	15.423	ng	99
77) Benzidine	19.25	184	209654	12.544	ng	99
78) Pyrene	19.40	202	722398	18.008	ng	99
80) Butylbenzylphthalate	20.30	149	304859	15.675	ng	99
81) Benzo(a)anthracene	21.16	228	637737	16.619	ng	100
82) 3,3'-Dichlorobenzidine	21.10	252	234899	16.453	ng	99
83) Chrysene	21.22	228	617349	16.776	ng	99
84) Bis(2-ethylhexyl)phthalate	21.07	149	428520	14.800	ng	100
85) Di-n-octyl phthalate	21.94	149	713601	15.189	ng	99
86) Indeno(1,2,3-cd)pyrene	25.58	276	723860	19.996	ng	100
88) Benzo(b)fluoranthene	22.71	252	620986	15.765	ng	99
89) Benzo(k)fluoranthene	22.76	252	600035	16.180	ng	98
90) Benzo(a)pyrene	23.28	252	576841	16.527	ng	98
91) Dibenzo(a,h)anthracene	25.59	278	597236	17.748	ng	99
92) Benzo(g,h,i)perylene	26.26	276	574018	18.833	ng	99

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

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