Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101718\
Data File : BM017181.D
Acq On : 18 Oct 2018 06:45
Operator : MJ/SJ
Sample : J5164-09
Misc : MDL 5 PPM
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2018

Manual Integrations APPROVED
Sohil
10/18/2018 5:33:37 PM

Quant Time: Oct 18 14:31:51 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM101718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 17 14:23:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	184743	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	760096	20.00	ng	0.00
39) Acenaphthene-d10	14.31	164	435923	20.00	ng	0.00
64) Phenanthrene-d10	17.06	188	1039164	20.00	ng	0.00
76) Chrysene-d12	21.25	240	1240625	20.00	ng	-0.01
87) Perylene-d12	23.47	264	1266761	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1603167	146.77	ng	0.00
7) Phenol-d6	6.85	99	2079594	139.79	ng	0.00
23) Nitrobenzene-d5	8.82	82	1210104	93.11	ng	-0.01
42) 2,4,6-Tribromophenol	15.81	330	908880	154.17	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	2905996	88.70	ng	0.00
79) Terphenyl-d14	19.70	244	4633991	84.19	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.27	88	24250	4.348	ng	# 87
3) Pyridine	3.66	79	64747	5.045	ng	# 78
4) n-Nitrosodimethylamine	3.57	42	26912	5.224	ng	# 67
6) Aniline	7.01	93	67654	3.636	ng	94
8) 2-Chlorophenol	7.24	128	65069	5.149	ng	94
9) Benzaldehyde	6.83	77	51058	5.383	ng	93
10) Phenol	6.88	94	82649	5.162	ng	94
11) bis(2-Chloroethyl)ether	7.11	93	61246	4.799	ng	95
12) 1,3-Dichlorobenzene	7.56	146	72598	4.928	ng	96
13) 1,4-Dichlorobenzene	7.70	146	75092	4.989	ng	96
14) 1,2-Dichlorobenzene	8.02	146	74721	5.153	ng	98
15) Benzyl Alcohol	7.92	79	53329	4.904	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.20	45	84389	4.733	ng	98
17) 2-Methylphenol	8.11	107	50528	4.917	ng	97
18) Hexachloroethane	8.73	117	25264	4.905	ng	94
19) n-Nitroso-di-n-propylamine	8.47	70	45926	4.688	ng	93
20) 3+4-Methylphenols	8.44	107	66369	4.722	ng	97
22) Acetophenone	8.49	105	96041	4.985	ng	# 99
24) Nitrobenzene	8.86	77	78390	5.702	ng	90
25) Isophorone	9.39	82	117687	5.484	ng	96
26) 2-Nitrophenol	9.57	139	26411	9.321	ng	97
27) 2,4-Dimethylphenol	9.63	122	52341	5.516	ng	97
28) bis(2-Chloroethoxy)methane	9.87	93	79759	5.280	ng	97
29) 2,4-Dichlorophenol	10.10	162	52143	4.733	ng	99
30) 1,2,4-Trichlorobenzene	10.31	180	67253	5.088	ng	96
31) Naphthalene	10.49	128	200372	5.379	ng	99
32) Benzoic acid	9.70	122	22660m	3.200	ng	
33) 4-Chloroaniline	10.62	127	54923	3.414	ng	# 94
34) Hexachlorobutadiene	10.77	225	42116	5.029	ng	94
35) Caprolactam	11.39	113	13561	3.377	ng	94
36) 4-Chloro-3-methylphenol	11.74	107	58771	4.732	ng	95
37) 2-Methylnaphthalene	12.12	142	147587	5.790	ng	96
38) 1-Methylnaphthalene	12.33	142	136809	5.515	ng	# 99
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	76310	4.971	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	45857	6.179	ng		98
43) 2,4,6-Trichlorophenol	12.73	196	42251	4.741	ng		94
44) 2,4,5-Trichlorophenol	12.80	196	47319	4.952	ng		95
46) 1,1'-Biphenyl	13.14	154	190807	4.864	ng		98
47) 2-Chloronaphthalene	13.18	162	147296	5.104	ng		99
48) 2-Nitroaniline	13.39	65	31375	9.080	ng		94
49) Acenaphthylene	14.03	152	220921	5.281	ng		100
50) Dimethylphthalate	13.77	163	180449	5.365	ng		99
51) 2,6-Dinitrotoluene	13.89	165	32358	4.371	ng		92
52) Acenaphthene	14.37	154	137215	5.224	ng		98
53) 3-Nitroaniline	14.23	138	26362	3.288	ng		94
54) 2,4-Dinitrophenol	14.43	184	13420	10.999	ng		93
55) Dibenzofuran	14.71	168	225951	5.173	ng		97
56) 4-Nitrophenol	14.54	139	23133	7.696	ng	#	74
57) 2,4-Dinitrotoluene	14.69	165	41495	4.171	ng	#	79
58) Fluorene	15.36	166	178065	5.508	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.94	232	45768	5.254	ng		97
60) Diethylphthalate	15.15	149	176849	5.302	ng		99
61) 4-Chlorophenyl-phenylether	15.36	204	95681	5.191	ng		94
62) 4-Nitroaniline	15.39	138	30441	7.820	ng		93
63) Azobenzene	15.66	77	159373	4.916	ng		98
65) 4,6-Dinitro-2-methylphenol	15.45	198	20622	9.642	ng		98
66) n-Nitrosodiphenylamine	15.58	169	150032	4.772	ng		97
67) 4-Bromophenyl-phenylether	16.26	248	56455	4.948	ng		89
68) Hexachlorobenzene	16.36	284	66264	5.000	ng		97
69) Atrazine	16.53	200	52709	4.684	ng		99
70) Pentachlorophenol	16.71	266	28988	3.193	ng		95
71) Phenanthrene	17.10	178	304723	5.435	ng		98
72) Anthracene	17.19	178	284425	5.339	ng		98
73) Carbazole	17.47	167	252768	4.645	ng		99
74) Di-n-butylphthalate	18.04	149	254752	4.438	ng		100
75) Fluoranthene	19.12	202	340762	5.401	ng		99
77) Benzidine	19.32	184	76625	2.436	ng		98
78) Pyrene	19.49	202	352766	5.088	ng		99
80) Butylbenzylphthalate	20.40	149	106776	10.618	ng		93
81) Benzo(a)anthracene	21.24	228	370656	5.309	ng		99
82) 3,3'-Dichlorobenzidine	21.18	252	84406	3.244	ng		96
83) Chrysene	21.29	228	371847	5.381	ng		99
84) Bis(2-ethylhexyl)phthalate	21.18	149	155588	8.736	ng		99
85) Di-n-octyl phthalate	22.05	149	264865	8.995	ng		99
86) Indeno(1,2,3-cd)pyrene	25.67	276	414753	5.366	ng		99
88) Benzo(b)fluoranthene	22.80	252	387970	5.602	ng		98
89) Benzo(k)fluoranthene	22.84	252	352683	5.075	ng		98
90) Benzo(a)pyrene	23.37	252	349214	5.311	ng		98
91) Dibenzo(a,h)anthracene	25.69	278	353940	5.421	ng		98
92) Benzo(g,h,i)perylene	26.35	276	359254	5.551	ng		98

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

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