Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072518\
Data File : BN002164.D
Acq On : 26 Jul 2018 07:58
Operator : JU/SJ
Sample : J3762-09
Misc : MDL 8 PPM
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT3-2018

Manual Integrations APPROVED
Sohil
7/27/2018 11:36:03 AM

Quant Time: Jul 26 09:07:21 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN072518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 25 20:08:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	227286	20.00	ng		0.00
21) Naphthalene-d8	10.46	136	950444	20.00	ng		0.00
38) Acenaphthene-d10	14.32	164	567285	20.00	ng		0.00
63) Phenanthrene-d10	17.07	188	1219173	20.00	ng		0.00
75) Chrysene-d12	21.27	240	1018543	20.00	ng		0.00
86) Perylene-d12	23.49	264	897657	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	1779639	126.06	ng		0.00
7) Phenol-d6	6.88	99	2432038	122.76	ng		0.00
23) Nitrobenzene-d5	8.84	82	1621253	87.48	ng		0.00
41) 2,4,6-Tribromophenol	15.82	330	939115	127.49	ng		0.00
44) 2-Fluorobiphenyl	12.94	172	3709870	85.18	ng		0.00
78) Terphenyl-d14	19.71	244	5479105	112.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	28469	5.371	ng	#	71
3) Pyridine	3.67	79	81423	5.304	ng	#	69
4) n-Nitrosodimethylamine	3.59	42	37891	5.754	ng	#	63
6) Aniline	7.03	93	111639	4.613	ng		97
8) 2-Chlorophenol	7.26	128	90930	5.554	ng		98
9) Benzaldehyde	6.85	77	81763	6.701	ng		90
10) Phenol	6.90	94	118444	5.832	ng		95
11) bis(2-Chloroethyl)ether	7.13	93	86597	5.239	ng		96
12) 1,3-Dichlorobenzene	7.58	146	99515	5.333	ng		99
13) 1,4-Dichlorobenzene	7.73	146	102590	5.374	ng		96
14) 1,2-Dichlorobenzene	8.04	146	99236	5.389	ng		96
15) Benzyl Alcohol	7.93	79	64510	4.315	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.22	45	148660	5.570	ng		92
17) 2-Methylphenol	8.13	107	79217	5.714	ng		95
18) Hexachloroethane	8.76	117	37669	5.392	ng		89
19) n-Nitroso-di-n-propylamine	8.49	70	72378	5.037	ng	#	93
20) 3+4-Methylphenols	8.46	107	102152	5.281	ng		91
22) Acetophenone	8.50	105	143753	5.833	ng	#	96
24) Nitrobenzene	8.88	77	115042	5.989	ng		97
25) Isophorone	9.40	82	195978	6.159	ng		97
26) 2-Nitrophenol	9.59	139	44681	4.816	ng		98
27) 2,4-Dimethylphenol	9.65	122	82368	6.383	ng		97
28) bis(2-Chloroethoxy)methane	9.89	93	120744	5.874	ng		96
29) 2,4-Dichlorophenol	10.12	162	84046	5.586	ng		93
30) 1,2,4-Trichlorobenzene	10.33	180	93605	5.493	ng		98
31) Naphthalene	10.51	128	293792	6.125	ng		97
32) Benzoic acid	9.73	122	28096	2.566	ng		87
33) 4-Chloroaniline	10.63	127	94849	4.444	ng		96
34) Hexachlorobutadiene	10.80	225	56739	5.437	ng		97
35) Caprolactam	11.38	113	24945	4.858	ng	#	67
36) 4-Chloro-3-methylphenol	11.76	107	94055	5.497	ng		96
37) 2-Methylnaphthalene	12.13	142	217494	6.429	ng		92
39) 1,2,4,5-Tetrachlorobenzene	12.50	216	107186	5.619	ng		98
40) Hexachlorocyclopentadiene	12.48	237	56669	5.260	ng		90

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072518\
Data File : BN002164.D
Acq On : 26 Jul 2018 07:58
Operator : JU/SJ
Sample : J3762-09
Misc : MDL 8 PPM
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT3-2018

Manual Integrations APPROVED
Sohil
7/27/2018 11:36:03 AM

Quant Time: Jul 26 09:07:21 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN072518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 25 20:08:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.75	196	65396	5.110	ng		92
43) 2,4,5-Trichlorophenol	12.82	196	71921	5.305	ng		98
45) 1,1'-Biphenyl	13.15	154	280573	5.621	ng		97
46) 2-Chloronaphthalene	13.19	162	213608	5.544	ng		98
47) 2-Nitroaniline	13.40	65	62001	5.001	ng		94
48) Acenaphthylene	14.04	152	348938	5.968	ng		98
49) Dimethylphthalate	13.78	163	273416	5.802	ng		99
50) 2,6-Dinitrotoluene	13.90	165	56011	5.350	ng		98
51) Acenaphthene	14.39	154	205703	5.840	ng		98
52) 3-Nitroaniline	14.23	138	46806	4.126	ng	#	89
53) 2,4-Dinitrophenol	14.45	184	19151	3.455	ng		96
54) Dibenzofuran	14.72	168	335904	5.882	ng		97
55) 4-Nitrophenol	14.55	139	40391	4.638	ng		94
56) 2,4-Dinitrotoluene	14.69	165	74843	5.268	ng		93
57) Fluorene	15.37	166	265353	6.165	ng		98
58) 2,3,4,6-Tetrachlorophenol	14.95	232	59644m	5.116	ng		
59) Diethylphthalate	15.15	149	268888	5.606	ng		98
60) 4-Chlorophenyl-phenylether	15.37	204	133192	5.592	ng		91
61) 4-Nitroaniline	15.39	138	56904	4.921	ng		90
62) Azobenzene	15.66	77	266036	5.781	ng		97
64) 4,6-Dinitro-2-methylphenol	15.46	198	32514	3.950	ng		92
65) n-Nitrosodiphenylamine	15.59	169	229652	5.677	ng		94
66) 4-Bromophenyl-phenylether	16.26	248	79245	5.552	ng	#	90
67) Hexachlorobenzene	16.38	284	87917	5.569	ng		98
68) Atrazine	16.54	200	71345	5.238	ng		97
69) Pentachlorophenol	16.72	266	32565	3.205	ng		96
70) Phenanthrene	17.11	178	412977	6.206	ng		98
71) Anthracene	17.20	178	408363	6.200	ng		98
72) Carbazole	17.47	167	354301	5.361	ng		96
73) Di-n-butylphthalate	18.05	149	390230	5.062	ng		98
74) Fluoranthene	19.13	202	421633	5.836	ng		97
76) Benzidine	19.32	184	102774	3.094	ng		96
77) Pyrene	19.50	202	430233	6.125	ng		99
79) Butylbenzylphthalate	20.41	149	145736	4.766	ng		90
80) Benzo(a)anthracene	21.25	228	382708	6.165	ng		97
81) 3,3'-Dichlorobenzidine	21.19	252	89422	3.697	ng		98
82) Chrysene	21.30	228	355368	6.012	ng		98
83) Bis(2-ethylhexyl)phthalate	21.19	149	200707	4.707	ng		97
84) Di-n-octyl phthalate	22.07	149	313539	4.638	ng		98
85) Indeno(1,2,3-cd)pyrene	25.72	276	327273	5.679	ng	#	93
87) Benzo(b)fluoranthene	22.83	252	331502	6.257	ng		97
88) Benzo(k)fluoranthene	22.87	252	312315	5.986	ng		98
89) Benzo(a)pyrene	23.40	252	297878	6.021	ng		98
90) Dibenzo(a,h)anthracene	25.73	278	274994	5.920	ng	#	96
91) Benzo(g,h,i)perylene	26.40	276	272649	6.074	ng	#	95

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072518\
Data File : BN002164.D
Acq On : 26 Jul 2018 07:58
Operator : JU/SJ
Sample : J3762-09
Misc : MDL 8 PPM
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jul 26 09:07:21 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN072518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 25 20:08:02 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT3-2018

Manual Integrations APPROVED
Sohil
7/27/2018 11:36:03 AM