Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN102418\
Data File : BN003296.D
Acq On : 25 Oct 2018 05:51
Operator : MJ/SJ
Sample : J5164-09
Misc : MDL 8PPM
ALS Vial : 30 Sample Multiplier: 1

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

Quant Time: Oct 25 07:19:24 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-BN102418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 24 14:21:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	89861	20.00	ng		0.00
21) Naphthalene-d8	10.37	136	418986	20.00	ng		0.00
39) Acenaphthene-d10	14.24	164	269292	20.00	ng		0.00
64) Phenanthrene-d10	16.99	188	631474	20.00	ng		0.00
76) Chrysene-d12	21.20	240	703063	20.00	ng		0.00
87) Perylene-d12	23.41	264	719952	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	774287	150.08	ng		0.00
7) Phenol-d6	6.80	99	1080833	147.33	ng		0.00
23) Nitrobenzene-d5	8.75	82	589795	80.73	ng		0.00
42) 2,4,6-Tribromophenol	15.75	330	524025	144.51	ng		0.00
45) 2-Fluorobiphenyl	12.85	172	1579094	79.54	ng		0.00
79) Terphenyl-d14	19.64	244	2548169	77.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.21	88	17523	7.153	ng		98
3) Pyridine	3.60	79	39795	7.109	ng		96
4) n-Nitrosodimethylamine	3.53	42	15117	7.335	ng	#	95
6) Aniline	6.95	93	67467	7.365	ng		97
8) 2-Chlorophenol	7.17	128	51319	8.076	ng		95
9) Benzaldehyde	6.77	77	35779	8.398	ng		96
10) Phenol	6.82	94	65345	8.441	ng		91
11) bis(2-Chloroethyl)ether	7.04	93	47536	7.518	ng		98
12) 1,3-Dichlorobenzene	7.49	146	55632	7.874	ng		99
13) 1,4-Dichlorobenzene	7.63	146	56993	7.834	ng		98
14) 1,2-Dichlorobenzene	7.95	146	56370	7.984	ng		96
15) Benzyl Alcohol	7.86	79	32975	6.237	ng		100
16) 2,2'-oxybis(1-Chloropropan	8.13	45	75864	8.183	ng		98
17) 2-Methylphenol	8.06	107	44315	8.376	ng		97
18) Hexachloroethane	8.65	117	19404	7.614	ng		99
19) n-Nitroso-di-n-propylamine	8.40	70	40473	7.651	ng		95
20) 3+4-Methylphenols	8.40	107	60089	7.995	ng		91
22) Acetophenone	8.42	105	77801	7.661	ng	#	98
24) Nitrobenzene	8.80	77	60618	8.131	ng		96
25) Isophorone	9.31	82	111497	8.700	ng		98
26) 2-Nitrophenol	9.52	139	27827	7.092	ng		98
27) 2,4-Dimethylphenol	9.59	122	48699	8.827	ng		94
28) bis(2-Chloroethoxy)methane	9.80	93	69689	8.072	ng		99
29) 2,4-Dichlorophenol	10.07	162	48629	7.724	ng		96
30) 1,2,4-Trichlorobenzene	10.24	180	53797	7.516	ng		97
31) Naphthalene	10.42	128	174006	8.499	ng		99
32) Benzoic acid	9.73	122	12770	7.429	ng	#	86
33) 4-Chloroaniline	10.57	127	63994	7.073	ng		98
34) Hexachlorobutadiene	10.69	225	31983	7.488	ng		97
35) Caprolactam	11.31	113	16795	6.813	ng		96
36) 4-Chloro-3-methylphenol	11.70	107	55965	7.970	ng		99
37) 2-Methylnaphthalene	12.04	142	131116	8.961	ng		99
38) 1-Methylnaphthalene	12.26	142	126721	8.867	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.42	216	65426	7.344	ng		99

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN102418\
Data File : BN003296.D
Acq On : 25 Oct 2018 05:51
Operator : MJ/SJ
Sample : J5164-09
Misc : MDL 8PPM
ALS Vial : 30 Sample Multiplier: 1

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

Quant Time: Oct 25 07:19:24 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-BN102418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 24 14:21:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.39	237	13104	11.942	ng		95
43) 2,4,6-Trichlorophenol	12.69	196	40791	7.247	ng		98
44) 2,4,5-Trichlorophenol	12.78	196	41505	7.070	ng		97
46) 1,1'-Biphenyl	13.07	154	173114	7.324	ng		98
47) 2-Chloronaphthalene	13.11	162	132681	7.611	ng		99
48) 2-Nitroaniline	13.35	65	35616	6.953	ng		99
49) Acenaphthylene	13.96	152	224666	8.419	ng		100
50) Dimethylphthalate	13.70	163	174321	8.006	ng		100
51) 2,6-Dinitrotoluene	13.84	165	37826	7.654	ng		94
52) Acenaphthene	14.30	154	128791	7.966	ng		98
53) 3-Nitroaniline	14.19	138	32964	6.240	ng		99
54) 2,4-Dinitrophenol	14.45	184	8405	9.181	ng		89
55) Dibenzofuran	14.65	168	212731	8.087	ng		99
56) 4-Nitrophenol	14.57	139	12145	8.393	ng		98
57) 2,4-Dinitrotoluene	14.65	165	50871	7.592	ng		98
58) Fluorene	15.30	166	172367	8.492	ng		97
59) 2,3,4,6-Tetrachlorophenol	14.89	232	42590	8.261	ng	#	96
60) Diethylphthalate	15.07	149	178047	8.058	ng		99
61) 4-Chlorophenyl-phenylether	15.29	204	88273	7.828	ng		98
62) 4-Nitroaniline	15.36	138	33915	6.571	ng		94
63) Azobenzene	15.59	77	166588	8.158	ng		99
65) 4,6-Dinitro-2-methylphenol	15.43	198	23044	5.230	ng		91
66) n-Nitrosodiphenylamine	15.51	169	155372	7.860	ng		98
67) 4-Bromophenyl-phenylether	16.19	248	54509	7.664	ng		99
68) Hexachlorobenzene	16.31	284	61368	7.574	ng		98
69) Atrazine	16.47	200	54387	7.763	ng		100
70) Pentachlorophenol	16.69	266	14936	9.884	ng		91
71) Phenanthrene	17.04	178	283295	8.533	ng		99
72) Anthracene	17.13	178	283141	8.547	ng		98
73) Carbazole	17.42	167	260794	7.602	ng		98
74) Di-n-butylphthalate	17.97	149	296202	7.402	ng		100
75) Fluoranthene	19.07	202	331323	8.471	ng		100
77) Benzidine	19.27	184	90668	4.405	ng		98
78) Pyrene	19.44	202	339290	8.211	ng		99
80) Butylbenzylphthalate	20.33	149	139836	7.288	ng		99
81) Benzo(a)anthracene	21.19	228	347289	8.482	ng		99
82) 3,3'-Dichlorobenzidine	21.13	252	109730	6.476	ng		97
83) Chrysene	21.24	228	334844	8.507	ng		100
84) Bis(2-ethylhexyl)phthalate	21.12	149	210035	7.382	ng		98
85) Di-n-octyl phthalate	21.98	149	366788	7.512	ng		98
86) Indeno(1,2,3-cd)pyrene	25.61	276	367681	8.151	ng		100
88) Benzo(b)fluoranthene	22.76	252	347060	8.755	ng		99
89) Benzo(k)fluoranthene	22.80	252	342836	8.818	ng		99
90) Benzo(a)pyrene	23.32	252	338501	8.960	ng		99
91) Dibenzo(a,h)anthracene	25.61	278	312038	8.345	ng		99
92) Benzo(g,h,i)perylene	26.29	276	300153	8.361	ng		98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN102418\
Data File : BN003296.D
Acq On : 25 Oct 2018 05:51
Operator : MJ/SJ
Sample : J5164-09
Misc : MDL 8PPM
ALS Vial : 30 Sample Multiplier: 1

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

Quant Time: Oct 25 07:19:24 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-BN102418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 24 14:21:25 2018
Response via : Initial Calibration