Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070820\
Data File : BM026685.D
Acq On : 07 Jul 2020 20:18
Operator : JU/CG
Sample : L2182-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Manual Integrations APPROVED
mohammad
7/9/2020 10:56:36 AM

Quant Time: Jul 08 05:43:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 08 05:15:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	72574	20.00	ng		0.00
21) Naphthalene-d8	10.09	136	320203	20.00	ng		0.00
39) Acenaphthene-d10	13.99	164	226694	20.00	ng		0.00
64) Phenanthrene-d10	16.75	188	514559	20.00	ng		0.00
76) Chrysene-d12	20.97	240	616631	20.00	ng		0.00
86) Perylene-d12	23.04	264	645850	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.96	112	490723	113.33	ng		0.00
7) Phenol-d6	6.54	99	721466	104.58	ng		0.00
23) Nitrobenzene-d5	8.48	82	850537	113.32	ng		0.00
42) 2,4,6-Tribromophenol	15.50	330	392929	118.99	ng		0.00
45) 2-Fluorobiphenyl	12.60	172	1921378	112.69	ng		0.00
79) Terphenyl-d14	19.42	244	3576282	114.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.96	88	9130	4.388	ng		90
3) Pyridine	3.38	79	14310	2.405	ng	#	92
4) n-Nitrosodimethylamine	3.28	42	11275	3.166	ng	#	98
6) Aniline	6.68	93	30198	3.566	ng		95
8) 2-Chlorophenol	6.90	128	18635	3.613	ng		90
9) Benzaldehyde	6.49	77	20868	5.450	ng		85
10) Phenol	6.56	94	24246	3.556	ng		88
11) bis(2-Chloroethyl)ether	6.78	93	20061	3.519	ng		94
12) 1,3-Dichlorobenzene	7.22	146	20185	3.600	ng		97
13) 1,4-Dichlorobenzene	7.36	146	20444	3.582	ng		98
14) 1,2-Dichlorobenzene	7.67	146	20047	3.526	ng		98
15) Benzyl Alcohol	7.59	79	16914	2.865	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.87	45	41337	3.513	ng		99
17) 2-Methylphenol	7.79	107	14853	2.866	ng		95
18) Hexachloroethane	8.38	117	7970	3.516	ng		93
19) n-Nitroso-di-n-propylamine	8.14	70	18621	3.244	ng		95
20) 3+4-Methylphenols	8.13	107	20421	2.867	ng		92
22) Acetophenone	8.15	105	34176	3.756	ng	#	93
24) Nitrobenzene	8.52	77	27323	3.460	ng		97
25) Isophorone	9.05	82	47750	3.318	ng		98
26) 2-Nitrophenol	9.23	139	8199	2.813	ng		95
27) 2,4-Dimethylphenol	9.31	122	16383	3.457	ng		99
28) bis(2-Chloroethoxy)methane	9.54	93	27591	3.470	ng		95
29) 2,4-Dichlorophenol	9.77	162	15645	2.998	ng		94
30) 1,2,4-Trichlorobenzene	9.96	180	20295	3.486	ng		100
31) Naphthalene	10.13	128	64005	3.594	ng		98
32) Benzoic acid	9.42	122	3540m	0.984	ng		
33) 4-Chloroaniline	10.27	127	24228	3.110	ng		94
34) Hexachlorobutadiene	10.42	225	13755	3.567	ng		93
35) Caprolactam	11.05	113	5405	2.924	ng	#	89
36) 4-Chloro-3-methylphenol	11.41	107	20542	3.114	ng		99
37) 2-Methylnaphthalene	11.76	142	46589	3.531	ng		97
38) 1-Methylnaphthalene	11.99	142	45211	3.577	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.15	216	25861	3.529	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070820\
Data File : BM026685.D
Acq On : 07 Jul 2020 20:18
Operator : JU/CG
Sample : L2182-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Manual Integrations APPROVED
mohammad
7/9/2020 10:56:36 AM

Quant Time: Jul 08 05:43:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 08 05:15:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.12	237	5596	1.600	ng		87
43) 2,4,6-Trichlorophenol	12.41	196	13511	2.814	ng		89
44) 2,4,5-Trichlorophenol	12.49	196	15943	2.826	ng		98
46) 1,1'-Biphenyl	12.81	154	69517	3.882	ng		99
47) 2-Chloronaphthalene	12.85	162	49303	3.408	ng		96
48) 2-Nitroaniline	13.07	65	15050	2.528	ng		94
49) Acenaphthylene	13.70	152	77768	3.363	ng		99
50) Dimethylphthalate	13.47	163	65650	3.386	ng		99
51) 2,6-Dinitrotoluene	13.59	165	12731	3.066	ng		94
52) Acenaphthene	14.05	154	48316	3.438	ng		93
53) 3-Nitroaniline	13.92	138	9289	2.150	ng	#	96
54) 2,4-Dinitrophenol	14.16	184	2767m	1.139	ng		
55) Dibenzofuran	14.40	168	77197	3.350	ng		97
56) 4-Nitrophenol	14.29	139	5778	1.705	ng	#	84
57) 2,4-Dinitrotoluene	14.39	165	15969	2.665	ng	#	85
58) Fluorene	15.05	166	61884	3.244	ng		97
59) 2,3,4,6-Tetrachlorophenol	14.64	232	14527	2.949	ng	#	96
60) Diethylphthalate	14.85	149	67614	3.298	ng		98
61) 4-Chlorophenyl-phenylether	15.06	204	33588	3.249	ng		98
62) 4-Nitroaniline	15.10	138	7116	1.578	ng		94
63) Azobenzene	15.35	77	72145	3.204	ng		96
65) 4,6-Dinitro-2-methylphenol	15.17	198	6790	1.941	ng		90
66) n-Nitrosodiphenylamine	15.28	169	53865	3.294	ng		99
67) 4-Bromophenyl-phenylether	15.95	248	20239	3.160	ng		97
68) Hexachlorobenzene	16.06	284	24064	3.570	ng		96
69) Atrazine	16.24	200	20838	4.238	ng		97
70) Pentachlorophenol	16.42	266	8728	2.289	ng		95
71) Phenanthrene	16.79	178	107082	3.525	ng		99
72) Anthracene	16.88	178	101223	3.347	ng		97
73) Carbazole	17.16	167	87225	3.025	ng		98
74) Di-n-butylphthalate	17.75	149	108372	2.989	ng		100
75) Fluoranthene	18.82	202	129007	3.448	ng		99
77) Benzidine	19.03	184	46661	3.838	ng		99
78) Pyrene	19.19	202	134440	3.461	ng		99
80) Butylbenzylphthalate	20.13	149	50746	2.911	ng		95
81) Benzo(a)anthracene	20.95	228	146685	3.541	ng		99
82) 3,3'-Dichlorobenzidine	20.90	252	50167	3.816	ng		96
83) Chrysene	21.00	228	141441	3.508	ng		98
84) Bis(2-ethylhexyl)phthalate	20.92	149	82005	2.937	ng		100
85) Di-n-octyl phthalate	21.76	149	136775	2.866	ng		95
87) Indeno(1,2,3-cd)pyrene	25.04	276	159566	3.470	ng		100
88) Benzo(b)fluoranthene	22.43	252	141965	3.336	ng		98
89) Benzo(k)fluoranthene	22.47	252	155329	3.721	ng		99
90) Benzo(a)pyrene	22.95	252	129448	3.277	ng		99
91) Dibenzo(a,h)anthracene	25.06	278	135444	3.490	ng		99
92) Benzo(g,h,i)perylene	25.65	276	128834	3.602	ng		99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070820\
Data File : BM026685.D
Acq On : 07 Jul 2020 20:18
Operator : JU/CG
Sample : L2182-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 08 05:43:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 08 05:15:28 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Manual Integrations APPROVED
mohammad
7/9/2020 10:56:36 AM