Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071020\
Data File : BM026719.D
Acq On : 09 Jul 2020 15:07
Operator : JU/CG
Sample : L3216-08
Misc : LOQ-WATER-5PPM
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : LOQ-WATER-02-QT3-2020

Manual Integrations APPROVED
mohammad
7/10/2020 11:51:31 AM

Quant Time: Jul 09 15:42:09 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 09 11:30:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	60175	20.00	ng		0.00
21) Naphthalene-d8	10.08	136	257005	20.00	ng		0.00
39) Acenaphthene-d10	13.99	164	178135	20.00	ng		0.00
64) Phenanthrene-d10	16.74	188	417057	20.00	ng		0.00
76) Chrysene-d12	20.96	240	500608	20.00	ng		0.00
86) Perylene-d12	23.03	264	530765	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.96	112	374765	104.39	ng		0.00
7) Phenol-d6	6.53	99	559310	97.78	ng		0.00
23) Nitrobenzene-d5	8.47	82	451432	74.94	ng		0.00
42) 2,4,6-Tribromophenol	15.49	330	269294	103.78	ng		0.00
45) 2-Fluorobiphenyl	12.59	172	977497	72.96	ng		0.00
79) Terphenyl-d14	19.41	244	1461346	57.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.95	88	8884	5.150	ng	#	92
3) Pyridine	3.38	79	15351	3.111	ng	#	85
4) n-Nitrosodimethylamine	3.28	42	10061	3.407	ng		96
6) Aniline	6.67	93	29913	4.261	ng		96
8) 2-Chlorophenol	6.90	128	17849	4.174	ng		91
9) Benzaldehyde	6.49	77	21067	6.636	ng		96
10) Phenol	6.56	94	23807	4.211	ng		91
11) bis(2-Chloroethyl)ether	6.77	93	19240	4.070	ng		99
12) 1,3-Dichlorobenzene	7.22	146	19881	4.277	ng		98
13) 1,4-Dichlorobenzene	7.36	146	21032	4.445	ng		97
14) 1,2-Dichlorobenzene	7.67	146	19409	4.118	ng		93
15) Benzyl Alcohol	7.59	79	16182	3.306	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.87	45	39945	4.094	ng		96
17) 2-Methylphenol	7.79	107	14579	3.393	ng		95
18) Hexachloroethane	8.37	117	7889	4.198	ng		99
19) n-Nitroso-di-n-propylamine	8.14	70	17780	3.736	ng	#	94
20) 3+4-Methylphenols	8.12	107	19328	3.272	ng		96
22) Acetophenone	8.15	105	31398	4.299	ng	#	91
24) Nitrobenzene	8.52	77	28807	4.546	ng		96
25) Isophorone	9.04	82	44079	3.816	ng		95
26) 2-Nitrophenol	9.22	139	8125	3.474	ng		95
27) 2,4-Dimethylphenol	9.30	122	15611	4.104	ng		98
28) bis(2-Chloroethoxy)methane	9.53	93	26126	4.094	ng		97
29) 2,4-Dichlorophenol	9.77	162	14601	3.486	ng		94
30) 1,2,4-Trichlorobenzene	9.95	180	19156	4.099	ng		94
31) Naphthalene	10.13	128	60826	4.255	ng		99
32) Benzoic acid	9.43	122	2427m	7.726	ng		
33) 4-Chloroaniline	10.27	127	21459	3.432	ng		96
34) Hexachlorobutadiene	10.42	225	12899	4.168	ng		94
35) Caprolactam	11.05	113	4089	2.756	ng		94
36) 4-Chloro-3-methylphenol	11.41	107	19271	3.640	ng		93
37) 2-Methylnaphthalene	11.76	142	43690	4.126	ng		97
38) 1-Methylnaphthalene	11.98	142	42863m	4.225	ng		
40) 1,2,4,5-Tetrachlorobenzene	12.14	216	24129	4.190	ng		97

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071020\
Data File : BM026719.D
Acq On : 09 Jul 2020 15:07
Operator : JU/CG
Sample : L3216-08
Misc : LOQ-WATER-5PPM
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2020

Manual Integrations APPROVED
mohammad
7/10/2020 11:51:31 AM

Quant Time: Jul 09 15:42:09 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 09 11:30:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.12	237	5951	7.820	ng		82
43) 2,4,6-Trichlorophenol	12.40	196	12090	3.205	ng		96
44) 2,4,5-Trichlorophenol	12.49	196	14654	3.306	ng		93
46) 1,1'-Biphenyl	12.80	154	62342	4.431	ng		97
47) 2-Chloronaphthalene	12.84	162	45073	3.965	ng		96
48) 2-Nitroaniline	13.07	65	14903	3.186	ng		89
49) Acenaphthylene	13.70	152	70238	3.865	ng		98
50) Dimethylphthalate	13.46	163	60688	3.983	ng		97
51) 2,6-Dinitrotoluene	13.58	165	11626	3.563	ng	#	82
52) Acenaphthene	14.05	154	44400	4.020	ng		96
53) 3-Nitroaniline	13.92	138	9267	2.730	ng		93
54) 2,4-Dinitrophenol	14.17	184	2386	7.242	ng	#	81
55) Dibenzofuran	14.39	168	72800	4.020	ng		98
56) 4-Nitrophenol	14.28	139	4245	5.277	ng		91
57) 2,4-Dinitrotoluene	14.39	165	14425	3.063	ng	#	75
58) Fluorene	15.05	166	56282	3.754	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.63	232	14265	3.685	ng	#	99
60) Diethylphthalate	14.85	149	62949	3.907	ng		97
61) 4-Chlorophenyl-phenylether	15.05	204	31755	3.910	ng		93
62) 4-Nitroaniline	15.10	138	8659m	5.182	ng		
63) Azobenzene	15.35	77	67039	3.788	ng		94
65) 4,6-Dinitro-2-methylphenol	15.17	198	6067	6.330	ng	#	77
66) n-Nitrosodiphenylamine	15.27	169	50301	3.795	ng		98
67) 4-Bromophenyl-phenylether	15.95	248	18654	3.593	ng		95
68) Hexachlorobenzene	16.06	284	21836	3.997	ng		99
69) Atrazine	16.24	200	18377	4.611	ng		96
70) Pentachlorophenol	16.42	266	8110	2.624	ng		93
71) Phenanthrene	16.79	178	100387	4.077	ng		98
72) Anthracene	16.88	178	95067	3.879	ng		99
73) Carbazole	17.16	167	80455	3.443	ng		98
74) Di-n-butylphthalate	17.74	149	100531	3.421	ng		99
75) Fluoranthene	18.82	202	116547	3.843	ng		98
77) Benzidine	19.03	184	35564	3.603	ng		97
78) Pyrene	19.19	202	125639	3.984	ng		100
80) Butylbenzylphthalate	20.12	149	44830	3.168	ng		96
81) Benzo(a)anthracene	20.95	228	137735	4.096	ng		98
82) 3,3'-Dichlorobenzidine	20.90	252	42517	3.984	ng		99
83) Chrysene	21.00	228	132209	4.039	ng		99
84) Bis(2-ethylhexyl)phthalate	20.92	149	73779	3.254	ng		97
85) Di-n-octyl phthalate	21.76	149	122236	3.154	ng		94
87) Indeno(1,2,3-cd)pyrene	25.04	276	158261	4.188	ng		98
88) Benzo(b)fluoranthene	22.43	252	137410	3.929	ng		100
89) Benzo(k)fluoranthene	22.47	252	143934	4.196	ng		99
90) Benzo(a)pyrene	22.94	252	123515	3.804	ng		100
91) Dibenzo(a,h)anthracene	25.04	278	130931	4.105	ng		99
92) Benzo(g,h,i)perylene	25.64	276	130275	4.433	ng		99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071020\
Data File : BM026719.D
Acq On : 09 Jul 2020 15:07
Operator : JU/CG
Sample : L3216-08
Misc : LOQ-WATER-5PPM
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 09 15:42:09 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 09 11:30:08 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2020

Manual Integrations APPROVED
mohammad
7/10/2020 11:51:31 AM