Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110320\
Data File : BM027686.D
Acq On : 03 Nov 2020 12:33
Operator : JU/CG
Sample : L4214-09
Misc : MDL-MDL-WATER-4PPM
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2020

Manual Integrations APPROVED
mohammad
11/4/2020 11:00:10 AM

Quant Time: Nov 03 13:09:04 2020
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 03 12:06:47 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.398	152	33878	20.00	ng		0.00
21) Naphthalene-d8	11.239	136	124897	20.00	ng		# 0.00
39) Acenaphthene-d10	15.010	164	74866	20.00	ng		0.00
64) Phenanthrene-d10	17.727	188	162494	20.00	ng		0.00
76) Chrysene-d12	21.821	240	161123	20.00	ng		0.00
86) Perylene-d12	24.280	264	162397	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.869	112	309144	144.18	ng		0.00
7) Phenol-d6	7.522	99	414318	137.49	ng		0.00
23) Nitrobenzene-d5	9.575	82	313219	114.41	ng		0.00
42) 2,4,6-Tribromophenol	16.480	330	143490	160.51	ng		0.00
45) 2-Fluorobiphenyl	13.651	172	612833	116.80	ng		0.00
79) Terphenyl-d14	20.280	244	917999	112.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.575	88	3295	3.58	ng	#	67
3) Pyridine	4.028	79	8738	3.31	ng	#	47
4) n-Nitrosodimethylamine	3.928	42	6069	3.71	ng	#	46
6) Aniline	7.704	93	13114	3.86	ng		99
8) 2-Chlorophenol	7.945	128	7987	3.71	ng		82
9) Benzaldehyde	7.510	77	9391	6.05	ng		92
10) Phenol	7.545	94	10751	3.77	ng		93
11) bis(2-Chloroethyl)ether	7.798	93	8494	3.88	ng		92
12) 1,3-Dichlorobenzene	8.287	146	9840	3.75	ng		91
13) 1,4-Dichlorobenzene	8.434	146	10153	3.84	ng		97
14) 1,2-Dichlorobenzene	8.763	146	9497	3.78	ng		94
15) Benzyl Alcohol	8.628	79	8956	3.71	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.922	45	13241	3.79	ng		73
17) 2-Methylphenol	8.834	107	6733	3.51	ng		95
18) Hexachloroethane	9.510	117	3955	3.78	ng		98
19) n-Nitroso-di-n-propyla...	9.204	70	7255	3.68	ng	#	59
20) 3+4-Methylphenols	9.157	107	9088	3.57	ng		98
22) Acetophenone	9.228	105	14189	4.00	ng	#	86
24) Nitrobenzene	9.616	77	13081	4.65	ng		97
25) Isophorone	10.139	82	18537	3.90	ng		100
26) 2-Nitrophenol	10.339	139	3459	3.73	ng	#	87
27) 2,4-Dimethylphenol	10.381	122	10181	5.60	ng		92
28) bis(2-Chloroethoxy)met...	10.622	93	11021	3.86	ng		97
29) 2,4-Dichlorophenol	10.869	162	7284	3.70	ng		97
30) 1,2,4-Trichlorobenzene	11.098	180	9120	3.80	ng		97
31) Naphthalene	11.292	128	25672	3.89	ng		96
32) Benzoic acid	10.416	122	1304m	1.22	ng		
33) 4-Chloroaniline	11.381	127	10225	3.52	ng		96
34) Hexachlorobutadiene	11.575	225	5883	3.78	ng	#	89
35) Caprolactam	12.110	113	2248	3.43	ng	#	76
36) 4-Chloro-3-methylphenol	12.469	107	7816	3.42	ng		96
37) 2-Methylnaphthalene	12.875	142	18009	3.85	ng		97
38) 1-Methylnaphthalene	13.086	142	17071m	3.85	ng		
40) 1,2,4,5-Tetrachloroben...	13.227	216	9806	4.15	ng		95
41) Hexachlorocyclopentadiene	13.210	237	5870	4.56	ng		97
43) 2,4,6-Trichlorophenol	13.457	196	5654	3.68	ng		92

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110320\
Data File : BM027686.D
Acq On : 03 Nov 2020 12:33
Operator : JU/CG
Sample : L4214-09
Misc : MDL-MDL-WATER-4PPM
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2020

Manual Integrations APPROVED
mohammad
11/4/2020 11:00:10 AM

Quant Time: Nov 03 13:09:04 2020
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 03 12:06:47 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.522	196	5958	3.62	ng		94
46) 1,1'-Biphenyl	13.857	154	24224	4.23	ng		98
47) 2-Chloronaphthalene	13.904	162	18601	3.93	ng		94
48) 2-Nitroaniline	14.086	65	5296	3.32	ng		97
49) Acenaphthylene	14.739	152	26752	3.74	ng		93
50) Dimethylphthalate	14.445	163	23238	3.87	ng		98
51) 2,6-Dinitrotoluene	14.563	165	4248	3.61	ng	#	79
52) Acenaphthene	15.074	154	17649	3.76	ng		95
53) 3-Nitroaniline	14.892	138	4274	3.20	ng	#	75
54) 2,4-Dinitrophenol	15.086	184	1513	3.04	ng	#	1
55) Dibenzofuran	15.404	168	27326	3.91	ng		99
56) 4-Nitrophenol	15.163	139	3176	2.93	ng	#	88
57) 2,4-Dinitrotoluene	15.339	165	4867	3.05	ng	#	90
58) Fluorene	16.045	166	21703	3.79	ng		94
59) 2,3,4,6-Tetrachlorophenol	15.616	232	5026	3.48	ng	#	88
60) Diethylphthalate	15.792	149	22611	3.70	ng		94
61) 4-Chlorophenyl-phenyle...	16.027	204	11860	4.03	ng	#	87
62) 4-Nitroaniline	16.033	138	4629	3.06	ng		86
63) Azobenzene	16.321	77	23543	3.72	ng		86
65) 4,6-Dinitro-2-methylph...	16.092	198	2234	3.42	ng	#	60
66) n-Nitrosodiphenylamine	16.239	169	18145	3.70	ng		98
67) 4-Bromophenyl-phenylether	16.915	248	6669	3.84	ng	#	83
68) Hexachlorobenzene	17.033	284	7801	3.87	ng		99
69) Atrazine	17.157	200	6058	3.65	ng		94
70) Pentachlorophenol	17.368	266	3783	3.46	ng	#	89
71) Phenanthrene	17.768	178	35484	3.87	ng		98
72) Anthracene	17.857	178	34743	3.87	ng		99
73) Carbazole	18.110	167	31062	3.65	ng	#	91
74) Di-n-butylphthalate	18.651	149	34557	3.45	ng		99
75) Fluoranthene	19.739	202	39942	3.71	ng		99
77) Benzidine	19.898	184	17698	3.86	ng		98
78) Pyrene	20.098	202	41088	3.68	ng		98
80) Butylbenzylphthalate	20.951	149	13239	3.13	ng	#	96
81) Benzo(a)anthracene	21.809	228	40677	3.74	ng		99
82) 3,3'-Dichlorobenzidine	21.727	252	13977	3.74	ng		98
83) Chrysene	21.862	228	39077	3.72	ng		98
84) Bis(2-ethylhexyl)phtha...	21.715	149	21875	3.54	ng		93
85) Di-n-octyl phthalate	22.656	149	34811	3.34	ng	#	84
87) Indeno(1,2,3-cd)pyrene	26.815	276	41911	3.53	ng		96
88) Benzo(b)fluoranthene	23.527	252	41359m	3.74	ng		
89) Benzo(k)fluoranthene	23.580	252	38457	3.65	ng		96
90) Benzo(a)pyrene	24.168	252	36581	3.58	ng		99
91) Dibenzo(a,h)anthracene	26.832	278	35989	3.71	ng		95
92) Benzo(g,h,i)perylene	27.603	276	35802	3.77	ng		98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110320\
Data File : BM027686.D
Acq On : 03 Nov 2020 12:33
Operator : JU/CG
Sample : L4214-09
Misc : MDL-MDL-WATER-4PPM
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 03 13:09:04 2020
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 03 12:06:47 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2020

Manual Integrations APPROVED
mohammad
11/4/2020 11:00:10 AM