Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102120\
Data File : BP003691.D
Acq On : 21 Oct 2020 14:08
Operator : CG/JU
Sample : L4214-09
Misc : MDL-MDL-WTR-4PPM
ALS Vial : 7 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
10/22/2020 1:01:03 PM

Quant Time: Oct 21 14:53:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP101920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 21 13:27:05 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.522	152	136475	20.00	ng		0.00
21) Naphthalene-d8	11.369	136	464832	20.00	ng		# 0.00
39) Acenaphthene-d10	15.122	164	306246	20.00	ng		0.00
64) Phenanthrene-d10	17.839	188	672346	20.00	ng		0.00
76) Chrysene-d12	21.845	240	671658	20.00	ng		# 0.00
86) Perylene-d12	24.416	264	621965	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.022	112	1162239	142.41	ng		0.00
7) Phenol-d6	7.675	99	1551510	134.55	ng		0.00
23) Nitrobenzene-d5	9.693	82	1073410	97.69	ng		0.00
42) 2,4,6-Tribromophenol	16.592	330	694278	145.31	ng		0.00
45) 2-Fluorobiphenyl	13.751	172	2474535	104.46	ng		0.00
79) Terphenyl-d14	20.304	244	3952239	103.49	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.687	88	13222	3.79	ng	#	88
3) Pyridine	4.134	79	35709	3.62	ng	#	90
4) n-Nitrosodimethylamine	4.022	42	14575	3.46	ng	#	55
6) Aniline	7.822	93	50344	3.93	ng		90
8) 2-Chlorophenol	8.093	128	30910	3.80	ng		81
9) Benzaldehyde	7.622	77	29316	4.82	ng	#	75
10) Phenol	7.699	94	41046	3.74	ng	#	68
11) bis(2-Chloroethyl)ether	7.905	93	32207	3.70	ng		85
12) 1,3-Dichlorobenzene	8.422	146	36725	3.50	ng	#	91
13) 1,4-Dichlorobenzene	8.563	146	37998	3.59	ng		96
14) 1,2-Dichlorobenzene	8.899	146	36173	3.61	ng		96
15) Benzyl Alcohol	8.752	79	30087	3.41	ng	#	80
16) 2,2'-oxybis(1-Chloropr...	9.046	45	30980	3.59	ng		95
17) 2-Methylphenol	8.969	107	25617	3.52	ng	#	87
18) Hexachloroethane	9.652	117	14128	3.46	ng		89
19) n-Nitroso-di-n-propyla...	9.322	70	23250	3.30	ng	#	77
20) 3+4-Methylphenols	9.299	107	33682	3.44	ng		93
22) Acetophenone	9.340	105	50987	3.75	ng	#	86
24) Nitrobenzene	9.734	77	39872	3.77	ng	#	78
25) Isophorone	10.257	82	64155	3.62	ng	#	89
26) 2-Nitrophenol	10.457	139	12540	3.17	ng	#	72
27) 2,4-Dimethylphenol	10.516	122	25048	4.04	ng		86
28) bis(2-Chloroethoxy)met...	10.728	93	41463	3.67	ng	#	94
29) 2,4-Dichlorophenol	11.010	162	27896	3.43	ng		92
30) 1,2,4-Trichlorobenzene	11.234	180	36876	3.53	ng		93
31) Naphthalene	11.416	128	94745	3.78	ng		98
33) 4-Chloroaniline	11.499	127	37986	3.68	ng	#	83
34) Hexachlorobutadiene	11.728	225	27096	3.44	ng		96
35) Caprolactam	12.187	113	6973	2.93	ng	#	71
36) 4-Chloro-3-methylphenol	12.598	107	29045	3.29	ng		87
37) 2-Methylnaphthalene	12.981	142	67988	3.74	ng	#	92
38) 1-Methylnaphthalene	13.198	142	63220m	3.68	ng		
40) 1,2,4,5-Tetrachloroben...	13.357	216	45518	3.75	ng		97
41) Hexachlorocyclopentadiene	13.351	237	25673	3.66	ng		93
43) 2,4,6-Trichlorophenol	13.575	196	21897	3.03	ng		99
44) 2,4,5-Trichlorophenol	13.645	196	24812	3.31	ng	#	90

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102120\
Data File : BP003691.D
Acq On : 21 Oct 2020 14:08
Operator : CG/JU
Sample : L4214-09
Misc : MDL-MDL-WTR-4PPM
ALS Vial : 7 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
10/22/2020 1:01:03 PM

Quant Time: Oct 21 14:53:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP101920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 21 13:27:05 2020
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46)	1,1'-Biphenyl	13.957	154	91901	3.85	ng		97
47)	2-Chloronaphthalene	14.010	162	71280	3.57	ng		95
48)	2-Nitroaniline	14.181	65	15793	2.68	ng	#	61
49)	Acenaphthylene	14.845	152	100105	3.51	ng		99
50)	Dimethylphthalate	14.540	163	86691	3.45	ng		98
51)	2,6-Dinitrotoluene	14.651	165	17368	3.39	ng	#	59
52)	Acenaphthene	15.181	154	67814	3.52	ng		98
53)	3-Nitroaniline	14.987	138	14808	2.95	ng	#	59
55)	Dibenzofuran	15.510	168	110105	3.78	ng		100
56)	4-Nitrophenol	15.287	139	9988	2.66	ng	#	51
57)	2,4-Dinitrotoluene	15.434	165	20789	3.00	ng	#	60
58)	Fluorene	16.151	166	86042	3.67	ng		98
59)	2,3,4,6-Tetrachlorophenol	15.739	232	21140	2.94	ng	#	93
60)	Diethylphthalate	15.881	149	81508	3.31	ng		99
61)	4-Chlorophenyl-phenyle...	16.128	204	49827	3.51	ng		94
62)	4-Nitroaniline	16.134	138	14694	2.64	ng	#	59
63)	Azobenzene	16.416	77	77785	3.36	ng		89
65)	4,6-Dinitro-2-methylph...	16.204	198	8825	2.49	ng		92
66)	n-Nitrosodiphenylamine	16.334	169	72406	3.62	ng		98
67)	4-Bromophenyl-phenylether	17.016	248	30511	3.39	ng		99
68)	Hexachlorobenzene	17.181	284	36431	3.52	ng		97
69)	Atrazine	17.251	200	23722	3.04	ng		96
70)	Pentachlorophenol	17.504	266	10702	2.09	ng		93
71)	Phenanthrene	17.875	178	138287	3.70	ng		99
72)	Anthracene	17.963	178	132705	3.68	ng		98
73)	Carbazole	18.210	167	111136	3.46	ng		99
74)	Di-n-butylphthalate	18.716	149	117262	2.99	ng	#	98
75)	Fluoranthene	19.792	202	156416	3.41	ng		98
77)	Benzidine	19.927	184	57296	3.56	ng		98
78)	Pyrene	20.139	202	162430	3.61	ng		99
80)	Butylbenzylphthalate	20.939	149	41743	2.53	ng	#	83
81)	Benzo(a)anthracene	21.827	228	161976	3.62	ng		98
82)	3,3'-Dichlorobenzidine	21.733	252	53883	3.44	ng	#	96
83)	Chrysene	21.886	228	156897	3.70	ng		98
84)	Bis(2-ethylhexyl)phtha...	21.692	149	62396	2.65	ng		99
85)	Di-n-octyl phthalate	22.651	149	98541	2.57	ng	#	90
87)	Indeno(1,2,3-cd)pyrene	27.086	276	146640	3.28	ng	#	92
88)	Benzo(b)fluoranthene	23.627	252	146127	3.37	ng	#	96
89)	Benzo(k)fluoranthene	23.674	252	144350	3.49	ng	#	97
90)	Benzo(a)pyrene	24.298	252	124668	3.22	ng	#	96
91)	Dibenzo(a,h)anthracene	27.086	278	122959	3.30	ng	#	95
92)	Benzo(g,h,i)perylene	27.915	276	119290	3.45	ng	#	92

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102120\
Data File : BP003691.D
Acq On : 21 Oct 2020 14:08
Operator : CG/JU
Sample : L4214-09
Misc : MDL-MDL-WTR-4PPM
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 21 14:53:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP101920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 21 13:27:05 2020
Response via : Initial Calibration

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

Manual Integrations APPROVED
mohammad
10/22/2020 1:01:03 PM