Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102020\
Data File : BP003680.D
Acq On : 20 Oct 2020 16:23
Operator : CG/JU
Sample : L4214-07
Misc : LOD-MDL-WATER 4PPM
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Manual Integrations APPROVED
mohammad
10/21/2020 12:51:08 PM

Quant Time: Oct 20 16:54:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP101920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 20 12:55:54 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.528	152	127972	20.00	ng		0.00
21) Naphthalene-d8	11.375	136	437349	20.00	ng		# 0.00
39) Acenaphthene-d10	15.122	164	294549	20.00	ng		0.00
64) Phenanthrene-d10	17.839	188	669299	20.00	ng		0.00
76) Chrysene-d12	21.851	240	718880	20.00	ng		# 0.00
86) Perylene-d12	24.421	264	696000	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.022	112	1084640	141.73	ng		0.00
7) Phenol-d6	7.675	99	1456194	134.68	ng		0.00
23) Nitrobenzene-d5	9.693	82	1018304	98.50	ng		0.00
42) 2,4,6-Tribromophenol	16.598	330	691056	150.38	ng		0.00
45) 2-Fluorobiphenyl	13.757	172	2373198	104.16	ng		0.00
79) Terphenyl-d14	20.310	244	4102497	100.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.687	88	12561	3.84	ng	#	89
3) Pyridine	4.128	79	33674	3.64	ng		90
4) n-Nitrosodimethylamine	4.022	42	14306	3.63	ng	#	67
6) Aniline	7.822	93	47117	3.93	ng		92
8) 2-Chlorophenol	8.093	128	28404	3.73	ng		83
9) Benzaldehyde	7.622	77	27653	4.85	ng	#	76
10) Phenol	7.699	94	38368	3.73	ng		72
11) bis(2-Chloroethyl)ether	7.904	93	30110	3.68	ng		93
12) 1,3-Dichlorobenzene	8.422	146	33335	3.39	ng	#	88
13) 1,4-Dichlorobenzene	8.563	146	34527	3.48	ng	#	92
14) 1,2-Dichlorobenzene	8.899	146	33593	3.57	ng		93
15) Benzyl Alcohol	8.752	79	28004	3.39	ng	#	87
16) 2,2'-oxybis(1-Chloropr...	9.051	45	28122	3.47	ng		99
17) 2-Methylphenol	8.969	107	24118	3.54	ng	#	88
18) Hexachloroethane	9.651	117	13118	3.43	ng		98
19) n-Nitroso-di-n-propyla...	9.322	70	23302	3.53	ng	#	86
20) 3+4-Methylphenols	9.299	107	31190	3.40	ng		89
22) Acetophenone	9.340	105	48253	3.77	ng	#	89
24) Nitrobenzene	9.734	77	38487	3.87	ng	#	75
25) Isophorone	10.257	82	61615	3.70	ng	#	86
26) 2-Nitrophenol	10.463	139	12138	3.27	ng	#	60
27) 2,4-Dimethylphenol	10.516	122	23898	4.09	ng		87
28) bis(2-Chloroethoxy)met...	10.728	93	38898	3.66	ng	#	94
29) 2,4-Dichlorophenol	11.010	162	26139	3.41	ng		93
30) 1,2,4-Trichlorobenzene	11.234	180	35688	3.64	ng		99
31) Naphthalene	11.422	128	89151	3.78	ng		97
32) Benzoic acid	10.587	122	5754m	1.66	ng		
33) 4-Chloroaniline	11.504	127	35828	3.69	ng	#	87
34) Hexachlorobutadiene	11.734	225	25080	3.39	ng		96
35) Caprolactam	12.193	113	6929	3.09	ng	#	65
36) 4-Chloro-3-methylphenol	12.598	107	28412	3.42	ng	#	82
37) 2-Methylnaphthalene	12.987	142	64113	3.75	ng	#	93
38) 1-Methylnaphthalene	13.204	142	60247	3.73	ng	#	99
40) 1,2,4,5-Tetrachloroben...	13.357	216	44248	3.79	ng		99
41) Hexachlorocyclopentadiene	13.357	237	25950	3.84	ng		94
43) 2,4,6-Trichlorophenol	13.581	196	21208	3.06	ng		97

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102020\
Data File : BP003680.D
Acq On : 20 Oct 2020 16:23
Operator : CG/JU
Sample : L4214-07
Misc : LOD-MDL-WATER 4PPM
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Manual Integrations APPROVED
mohammad
10/21/2020 12:51:08 PM

Quant Time: Oct 20 16:54:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP101920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 20 12:55:54 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.651	196	24409	3.39	ng	#	95
46) 1,1'-Biphenyl	13.963	154	87896	3.83	ng		96
47) 2-Chloronaphthalene	14.010	162	69265	3.61	ng		98
48) 2-Nitroaniline	14.187	65	15896	2.80	ng	#	63
49) Acenaphthylene	14.845	152	95689	3.49	ng		100
50) Dimethylphthalate	14.539	163	84900	3.51	ng		99
51) 2,6-Dinitrotoluene	14.657	165	16497	3.35	ng	#	55
52) Acenaphthene	15.186	154	64313	3.47	ng		97
53) 3-Nitroaniline	14.986	138	15000	3.10	ng	#	43
54) 2,4-Dinitrophenol	15.186	184	3938	1.75	ng	#	1
55) Dibenzofuran	15.510	168	106773	3.82	ng		97
56) 4-Nitrophenol	15.286	139	10667	2.95	ng	#	48
57) 2,4-Dinitrotoluene	15.439	165	20955	3.15	ng	#	63
58) Fluorene	16.157	166	84115	3.73	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.739	232	21484	3.11	ng		91
60) Diethylphthalate	15.886	149	82230	3.47	ng		100
61) 4-Chlorophenyl-phenyle...	16.128	204	48847	3.58	ng		97
62) 4-Nitroaniline	16.133	138	15128	2.82	ng	#	60
63) Azobenzene	16.422	77	79364	3.56	ng		85
65) 4,6-Dinitro-2-methylph...	16.210	198	9241	2.62	ng		87
66) n-Nitrosodiphenylamine	16.339	169	70913	3.56	ng		99
67) 4-Bromophenyl-phenylether	17.022	248	29880	3.33	ng		94
68) Hexachlorobenzene	17.180	284	36409	3.53	ng		96
69) Atrazine	17.257	200	24035	3.09	ng		94
70) Pentachlorophenol	17.510	266	11588	2.28	ng		94
71) Phenanthrene	17.880	178	137056	3.68	ng		99
72) Anthracene	17.969	178	132613	3.69	ng		98
73) Carbazole	18.216	167	113489	3.55	ng		99
74) Di-n-butylphthalate	18.716	149	118608	3.04	ng	#	98
75) Fluoranthene	19.792	202	161346	3.53	ng		98
77) Benzidine	19.933	184	63577	3.69	ng		98
78) Pyrene	20.139	202	167795	3.48	ng		97
80) Butylbenzylphthalate	20.945	149	44942	2.55	ng	#	78
81) Benzo(a)anthracene	21.833	228	171131	3.57	ng		97
82) 3,3'-Dichlorobenzidine	21.739	252	60043	3.58	ng	#	97
83) Chrysene	21.886	228	165480	3.64	ng		98
84) Bis(2-ethylhexyl)phtha...	21.698	149	69039	2.73	ng	#	96
85) Di-n-octyl phthalate	22.657	149	112594	2.75	ng	#	93
87) Indeno(1,2,3-cd)pyrene	27.092	276	162242	3.25	ng	#	91
88) Benzo(b)fluoranthene	23.633	252	167045	3.44	ng	#	98
89) Benzo(k)fluoranthene	23.680	252	157864	3.41	ng	#	96
90) Benzo(a)pyrene	24.304	252	138032	3.19	ng	#	97
91) Dibenzo(a,h)anthracene	27.098	278	136790	3.28	ng	#	91
92) Benzo(g,h,i)perylene	27.921	276	131062	3.39	ng	#	91

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102020\
Data File : BP003680.D
Acq On : 20 Oct 2020 16:23
Operator : CG/JU
Sample : L4214-07
Misc : LOD-MDL-WATER 4PPM
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Oct 20 16:54:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP101920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 20 12:55:54 2020
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Manual Integrations APPROVED
mohammad
10/21/2020 12:51:08 PM