Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031521\
Data File : BM029137.D
Acq On : 15 Mar 2021 19:25
Operator : CG/JU
Sample : M1678-01MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D2470-D2800(SOIL)-AMS

Manual Integrations APPROVED
mohammad
3/16/2021 11:15:55 AM

Quant Time: Mar 16 00:29:52 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 12 12:30:15 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.610	152	8109	20.00	ng		-0.01
21) Naphthalene-d8	10.404	136	32245	20.00	ng		#-0.01
39) Acenaphthene-d10	14.286	164	18084	20.00	ng		-0.01
64) Phenanthrene-d10	17.039	188	36136	20.00	ng		# 0.00
76) Chrysene-d12	21.221	240	38859	20.00	ng		0.00
86) Perylene-d12	23.356	264	41061	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.204	112	3467	7.09	ng		0.00
7) Phenol-d6	6.816	99	21812	33.76	ng		0.00
23) Nitrobenzene-d5	8.792	82	47694	79.80	ng		0.00
42) 2,4,6-Tribromophenol	15.792	330	789	3.68	ng		0.00
45) 2-Fluorobiphenyl	12.898	172	96145	70.78	ng		0.00
79) Terphenyl-d14	19.668	244	121984	57.96	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.046	88	7868	42.77	ng	#	52
3) Pyridine	3.463	79	21116	43.50	ng	#	33
4) n-Nitrosodimethylamine	3.381	42	17155	63.25	ng	#	37
6) Aniline	6.957	93	4637	6.71	ng		99
8) 2-Chlorophenol	7.181	128	26297	45.25	ng		96
9) Benzaldehyde	6.769	77	18775	53.31	ng	#	79
10) Phenol	6.840	94	30715	47.83	ng		94
11) bis(2-Chloroethyl)ether	7.057	93	22154	45.48	ng		86
12) 1,3-Dichlorobenzene	7.498	146	28494	44.96	ng		94
13) 1,4-Dichlorobenzene	7.645	146	28718	44.68	ng		98
14) 1,2-Dichlorobenzene	7.957	146	27844	45.02	ng		97
15) Benzyl Alcohol	7.875	79	21845	47.27	ng		90
16) 2,2'-oxybis(1-Chloropr...	8.157	45	39377	52.49	ng		69
17) 2-Methylphenol	8.086	107	20273	46.49	ng	#	90
18) Hexachloroethane	8.669	117	11094	47.50	ng		88
19) n-Nitroso-di-n-propyla...	8.434	70	17398	45.77	ng	#	52
20) 3+4-Methylphenols	8.416	107	27204	46.37	ng		92
22) Acetophenone	8.451	105	36844	46.85	ng	#	83
24) Nitrobenzene	8.834	77	26451	43.53	ng	#	88
25) Isophorone	9.351	82	46723	44.43	ng		96
26) 2-Nitrophenol	9.539	139	13441	43.79	ng		89
27) 2,4-Dimethylphenol	9.610	122	22445	48.73	ng		93
28) bis(2-Chloroethoxy)met...	9.839	93	28297	47.36	ng		98
29) 2,4-Dichlorophenol	10.075	162	23112	43.86	ng		97
30) 1,2,4-Trichlorobenzene	10.269	180	25200	43.61	ng		98
31) Naphthalene	10.451	128	80520	45.29	ng		99
32) Benzoic acid	9.798	122	16337	49.48	ng		94
33) 4-Chloroaniline	10.592	127	4451	6.23	ng		95
34) Hexachlorobutadiene	10.716	225	15870	45.81	ng		96
35) Caprolactam	11.410	113	6818	47.29	ng	#	34
36) 4-Chloro-3-methylphenol	11.739	107	23597	44.43	ng		95
37) 2-Methylnaphthalene	12.074	142	54512	43.58	ng		98
38) 1-Methylnaphthalene	12.298	142	50097	42.29	ng		98
40) 1,2,4,5-Tetrachloroben...	12.457	216	25884	45.78	ng		99
41) Hexachlorocyclopentadiene	12.416	237	20762	96.33	ng		96
43) 2,4,6-Trichlorophenol	12.716	196	17776	44.85	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031521\
Data File : BM029137.D
Acq On : 15 Mar 2021 19:25
Operator : CG/JU
Sample : M1678-01MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D2470-D2800(SOIL)-AMS

Manual Integrations APPROVED
mohammad
3/16/2021 11:15:55 AM

Quant Time: Mar 16 00:29:52 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 12 12:30:15 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.798	196	19137	44.99	ng	#	93
46) 1,1'-Biphenyl	13.110	154	65714	45.31	ng		99
47) 2-Chloronaphthalene	13.151	162	51066	43.13	ng		96
48) 2-Nitroaniline	13.386	65	15884	49.88	ng		90
49) Acenaphthylene	14.010	152	86311	47.47	ng		99
50) Dimethylphthalate	13.763	163	66357	48.42	ng		99
51) 2,6-Dinitrotoluene	13.892	165	13660	42.75	ng		93
52) Acenaphthene	14.351	154	51713	46.38	ng		95
53) 3-Nitroaniline	14.233	138	3254	10.45	ng		81
54) 2,4-Dinitrophenol	14.457	184	16342	99.99	ng		92
55) Dibenzofuran	14.692	168	79866	45.62	ng		98
56) 4-Nitrophenol	14.568	139	22773	89.17	ng		93
57) 2,4-Dinitrotoluene	14.692	165	19763	47.35	ng	#	74
58) Fluorene	15.345	166	67042	47.78	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.927	232	15336m	44.86	ng		
60) Diethylphthalate	15.127	149	65321	47.37	ng		98
61) 4-Chlorophenyl-phenyle...	15.339	204	30173	45.07	ng	#	88
62) 4-Nitroaniline	15.398	138	12978	43.12	ng		95
63) Azobenzene	15.633	77	58406	45.91	ng	#	83
65) 4,6-Dinitro-2-methylph...	15.462	198	9964	39.16	ng	#	62
66) n-Nitrosodiphenylamine	15.562	169	52468	42.45	ng		99
67) 4-Bromophenyl-phenylether	16.233	248	17332	42.75	ng	#	89
68) Hexachlorobenzene	16.339	284	19112	42.30	ng	#	88
69) Atrazine	16.521	200	19706	51.24	ng		97
70) Pentachlorophenol	16.698	266	23774	98.36	ng		100
71) Phenanthrene	17.080	178	153861	71.50	ng		99
72) Anthracene	17.168	178	111204	52.17	ng		99
73) Carbazole	17.451	167	95366	46.63	ng		98
74) Di-n-butylphthalate	18.003	149	116457	50.08	ng		99
75) Fluoranthene	19.098	202	185134	78.29	ng		98
77) Benzidine	19.298	184	49081	38.33	ng		100
78) Pyrene	19.462	202	182157	63.81	ng		100
80) Butylbenzylphthalate	20.362	149	56128	45.67	ng		97
81) Benzo(a)anthracene	21.203	228	153546	56.94	ng		99
82) 3,3'-Dichlorobenzidine	21.144	252	15656	16.81	ng	#	96
83) Chrysene	21.256	228	144187	54.87	ng		99
84) Bis(2-ethylhexyl)phtha...	21.133	149	89456	50.58	ng		97
85) Di-n-octyl phthalate	21.980	149	156304	52.09	ng	#	87
87) Indeno(1,2,3-cd)pyrene	25.497	276	161698	52.19	ng	#	92
88) Benzo(b)fluoranthene	22.727	252	156020	53.79	ng	#	98
89) Benzo(k)fluoranthene	22.768	252	129438	46.98	ng	#	98
90) Benzo(a)pyrene	23.268	252	137409	51.92	ng	#	97
91) Dibenzo(a,h)anthracene	25.497	278	126484	46.97	ng	#	95
92) Benzo(g,h,i)perylene	26.144	276	133259	51.25	ng	#	92

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031521\
Data File : BM029137.D
Acq On : 15 Mar 2021 19:25
Operator : CG/JU
Sample : M1678-01MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 16 00:29:52 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 12 12:30:15 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
D2470-D2800(SOIL)-AMS

Manual Integrations APPROVED
mohammad
3/16/2021 11:15:55 AM