Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072121\
Data File : BM031045.D
Acq On : 21 Jul 2021 16:14
Operator : CG/JU
Sample : M2940-03
Misc : MDL-MDL-SOIL- 4PPM
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT3-2021

Manual Integrations APPROVED
mohammad
7/22/2021 1:30:04 PM

Quant Time: Jul 21 17:05:38 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 21 11:41:39 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.633	152	53572	20.00	ng		0.00
21) Naphthalene-d8	10.398	136	227532	20.00	ng		-0.01
39) Acenaphthene-d10	14.268	164	160811	20.00	ng		0.00
64) Phenanthrene-d10	17.009	188	364397	20.00	ng		-0.01
76) Chrysene-d12	21.197	240	437727	20.00	ng		-0.01
86) Perylene-d12	23.380	264	484179	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.251	112	330316	110.72	ng		0.00
7) Phenol-d6	6.816	99	468808	108.40	ng		0.00
23) Nitrobenzene-d5	8.780	82	285976	63.11	ng		-0.01
42) 2,4,6-Tribromophenol	15.757	330	224761	107.03	ng		-0.01
45) 2-Fluorobiphenyl	12.886	172	660913	61.32	ng		0.00
79) Terphenyl-d14	19.650	244	1315926	59.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.240	88	5866	4.89	ng	#	85
3) Pyridine	3.634	79	12406m	3.66	ng		
4) n-Nitrosodimethylamine	3.546	42	7014	3.64	ng	#	77
6) Aniline	6.975	93	19924	4.29	ng		96
8) 2-Chlorophenol	7.198	128	13313	3.79	ng		90
9) Benzaldehyde	6.792	77	13283	5.15	ng		97
10) Phenol	6.839	94	15697	3.75	ng		81
11) bis(2-Chloroethyl)ether	7.075	93	11748	3.79	ng		97
12) 1,3-Dichlorobenzene	7.522	146	15222	3.99	ng		95
13) 1,4-Dichlorobenzene	7.669	146	14946	3.85	ng		90
14) 1,2-Dichlorobenzene	7.981	146	14632	3.85	ng		97
15) Benzyl Alcohol	7.875	79	13392	3.68	ng		89
16) 2,2'-oxybis(1-Chloropr...	8.169	45	16759	4.32	ng		98
17) 2-Methylphenol	8.069	107	10929	3.73	ng		93
18) Hexachloroethane	8.692	117	5576	3.72	ng		87
19) n-Nitroso-di-n-propyla...	8.433	70	11226	3.68	ng	#	92
20) 3+4-Methylphenols	8.392	107	14401	3.47	ng		92
22) Acetophenone	8.451	105	23030	4.09	ng	#	98
24) Nitrobenzene	8.822	77	18996	4.15	ng		92
25) Isophorone	9.345	82	27899	3.44	ng		99
26) 2-Nitrophenol	9.527	139	6196	3.22	ng		90
27) 2,4-Dimethylphenol	9.586	122	13304	4.38	ng		95
28) bis(2-Chloroethoxy)met...	9.833	93	17042	4.17	ng	#	97
29) 2,4-Dichlorophenol	10.051	162	12606	3.51	ng		93
30) 1,2,4-Trichlorobenzene	10.269	180	15205	3.86	ng		92
31) Naphthalene	10.451	128	44610	3.81	ng		97
32) Benzoic acid	9.645	122	6247	2.42	ng		85
33) 4-Chloroaniline	10.569	127	18963	3.75	ng		98
34) Hexachlorobutadiene	10.739	225	9449	3.73	ng		98
35) Caprolactam	11.333	113	4087	3.39	ng		97
36) 4-Chloro-3-methylphenol	11.692	107	14321	3.49	ng		94
37) 2-Methylnaphthalene	12.069	142	32663	3.62	ng		98
38) 1-Methylnaphthalene	12.286	142	31687m	3.69	ng		
40) 1,2,4,5-Tetrachloroben...	12.439	216	17471	3.90	ng		97
41) Hexachlorocyclopentadiene	12.416	237	11502	4.61	ng		95
43) 2,4,6-Trichlorophenol	12.686	196	10167	3.23	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072121\
Data File : BM031045.D
Acq On : 21 Jul 2021 16:14
Operator : CG/JU
Sample : M2940-03
Misc : MDL-MDL-SOIL- 4PPM
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT3-2021

Manual Integrations APPROVED
mohammad
7/22/2021 1:30:04 PM

Quant Time: Jul 21 17:05:38 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 21 11:41:39 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.751	196	11651	3.34	ng	#	85
46) 1,1'-Biphenyl	13.092	154	45365	3.98	ng		98
47) 2-Chloronaphthalene	13.133	162	34050	3.81	ng		95
48) 2-Nitroaniline	13.345	65	8737	3.07	ng		93
49) Acenaphthylene	13.986	152	53137	3.72	ng		98
50) Dimethylphthalate	13.733	163	44376	3.68	ng		99
51) 2,6-Dinitrotoluene	13.845	165	8659	3.20	ng	#	70
52) Acenaphthene	14.327	154	32679	3.64	ng		96
53) 3-Nitroaniline	14.174	138	8410	3.08	ng		97
54) 2,4-Dinitrophenol	14.386	184	3882	2.44	ng		92
55) Dibenzofuran	14.668	168	54415	3.69	ng		92
56) 4-Nitrophenol	14.480	139	6973	2.89	ng		91
57) 2,4-Dinitrotoluene	14.633	165	10813	2.87	ng	#	82
58) Fluorene	15.315	166	44160	3.55	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.892	232	10226	3.15	ng		92
60) Diethylphthalate	15.104	149	45639	3.53	ng		96
61) 4-Chlorophenyl-phenyle...	15.321	204	22817	3.71	ng	#	89
62) 4-Nitroaniline	15.339	138	9433	3.13	ng		96
63) Azobenzene	15.609	77	42616	3.31	ng		96
65) 4,6-Dinitro-2-methylph...	15.398	198	5148	2.25	ng		78
66) n-Nitrosodiphenylamine	15.533	169	37757	3.53	ng		97
67) 4-Bromophenyl-phenylether	16.215	248	13352	3.54	ng		96
68) Hexachlorobenzene	16.315	284	15731	3.70	ng		99
69) Atrazine	16.492	200	14832	3.77	ng		97
70) Pentachlorophenol	16.662	266	8230	2.96	ng		90
71) Phenanthrene	17.051	178	75257	3.73	ng		98
72) Anthracene	17.145	178	72424	3.64	ng		99
73) Carbazole	17.415	167	69101	3.51	ng		97
74) Di-n-butylphthalate	17.998	149	75177	3.25	ng		99
75) Fluoranthene	19.074	202	88625	3.51	ng		100
77) Benzidine	19.268	184	44784	4.14	ng		99
78) Pyrene	19.433	202	95019	3.48	ng		99
80) Butylbenzylphthalate	20.356	149	35886	3.07	ng		97
81) Benzo(a)anthracene	21.186	228	103678	3.57	ng		97
82) 3,3'-Dichlorobenzidine	21.127	252	35044	4.41	ng		97
83) Chrysene	21.233	228	101519	3.60	ng		97
84) Bis(2-ethylhexyl)phtha...	21.139	149	56175	3.11	ng		96
85) Di-n-octyl phthalate	22.003	149	99728	3.22	ng		98
87) Indeno(1,2,3-cd)pyrene	25.538	276	123833	3.58	ng		98
88) Benzo(b)fluoranthene	22.727	252	112380	3.50	ng		100
89) Benzo(k)fluoranthene	22.774	252	105914	3.53	ng		99
90) Benzo(a)pyrene	23.280	252	103977	3.60	ng		97
91) Dibenzo(a,h)anthracene	25.550	278	104026	3.47	ng		98
92) Benzo(g,h,i)perylene	26.197	276	104243	3.65	ng		97

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072121\
Data File : BM031045.D
Acq On : 21 Jul 2021 16:14
Operator : CG/JU
Sample : M2940-03
Misc : MDL-MDL-SOIL- 4PPM
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 21 17:05:38 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 21 11:41:39 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT3-2021

Manual Integrations APPROVED
mohammad
7/22/2021 1:30:04 PM