Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082621\
Data File : BM031915.D
Acq On : 26 Aug 2021 15:46
Operator : CG/JU
Sample : M2262-03
Misc : MDL-MDL-SOIL-8ppm
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021

Manual Integrations APPROVED
mohammad
8/27/2021 5:07:51 PM

Quant Time: Aug 26 16:22:52 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 26 16:22:50 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.516	152	54903	20.000	ng		0.00
21) Naphthalene-d8	10.275	136	222579	20.000	ng	#	0.00
39) Acenaphthene-d10	14.157	164	134861	20.000	ng		0.00
64) Phenanthrene-d10	16.910	188	253380	20.000	ng		0.00
76) Chrysene-d12	21.115	240	216279	20.000	ng		0.00
86) Perylene-d12	23.262	264	224571	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.157	112	371571	108.096	ng		0.00
7) Phenol-d6	6.716	99	488859	99.183	ng		0.00
23) Nitrobenzene-d5	8.669	82	332077	67.487	ng		0.00
42) 2,4,6-Tribromophenol	15.657	330	145084	99.659	ng		0.00
45) 2-Fluorobiphenyl	12.769	172	672852	67.475	ng		0.00
79) Terphenyl-d14	19.562	244	816427	60.685	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.175	88	11300	8.277	ng	#	86
3) Pyridine	3.563	79	25038m	6.984	ng		
4) n-Nitrosodimethylamine	3.481	42	14752	7.651	ng	#	72
6) Aniline	6.869	93	47070	8.936	ng		96
8) 2-Chlorophenol	7.087	128	30567	7.678	ng		96
9) Benzaldehyde	6.687	77	28663m	9.482	ng		
10) Phenol	6.740	94	38285	7.829	ng		96
11) bis(2-Chloroethyl)ether	6.969	93	29230	7.832	ng		97
12) 1,3-Dichlorobenzene	7.404	146	33895	8.027	ng		98
13) 1,4-Dichlorobenzene	7.551	146	34756	8.021	ng		96
14) 1,2-Dichlorobenzene	7.857	146	33595	8.013	ng		96
15) Benzyl Alcohol	7.769	79	26018	7.001	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.040	45	40861	7.974	ng		99
17) 2-Methylphenol	7.969	107	25751	7.779	ng		92
18) Hexachloroethane	8.563	117	14019	8.289	ng		96
19) n-Nitroso-di-n-propyla...	8.322	70	24631	7.052	ng		91
20) 3+4-Methylphenols	8.292	107	33804	7.393	ng		98
22) Acetophenone	8.339	105	51250	8.475	ng	#	93
24) Nitrobenzene	8.710	77	41396	8.276	ng		94
25) Isophorone	9.234	82	63225	7.302	ng		98
26) 2-Nitrophenol	9.416	139	14735	7.118	ng	#	82
27) 2,4-Dimethylphenol	9.475	122	27379	8.661	ng		98
28) bis(2-Chloroethoxy)met...	9.716	93	39035	8.573	ng		98
29) 2,4-Dichlorophenol	9.939	162	26409	7.444	ng		94
30) 1,2,4-Trichlorobenzene	10.145	180	31556	8.150	ng		98
31) Naphthalene	10.322	128	97750	7.931	ng		99
32) Benzoic acid	9.575	122	12153m	4.789	ng		
33) 4-Chloroaniline	10.457	127	39722	7.925	ng		97
34) Hexachlorobutadiene	10.598	225	19450	8.289	ng		95
35) Caprolactam	11.257	113	7301	6.564	ng	#	76
36) 4-Chloro-3-methylphenol	11.586	107	29975	7.221	ng		98
37) 2-Methylnaphthalene	11.945	142	67521	7.558	ng		96
38) 1-Methylnaphthalene	12.169	142	63482	7.446	ng		98
40) 1,2,4,5-Tetrachloroben...	12.322	216	33119	8.506	ng		98
41) Hexachlorocyclopentadiene	12.292	237	15424	8.550	ng		96
43) 2,4,6-Trichlorophenol	12.580	196	20176	7.286	ng		92

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.651	196	22623	7.521	ng		95
46) 1,1'-Biphenyl	12.980	154	88410	8.371	ng		99
47) 2-Chloronaphthalene	13.016	162	67267	8.081	ng		98
48) 2-Nitroaniline	13.245	65	19096	7.178	ng		90
49) Acenaphthylene	13.874	152	103401	7.863	ng		100
50) Dimethylphthalate	13.627	163	80950	7.768	ng		100
51) 2,6-Dinitrotoluene	13.751	165	16353	6.995	ng		86
52) Acenaphthene	14.221	154	62431	7.743	ng		96
53) 3-Nitroaniline	14.086	138	15561	6.768	ng		99
54) 2,4-Dinitrophenol	14.316	184	6154	4.716	ng	#	78
55) Dibenzofuran	14.557	168	99618	7.600	ng		100
56) 4-Nitrophenol	14.421	139	10094	5.485	ng		97
57) 2,4-Dinitrotoluene	14.551	165	21201	6.676	ng	#	95
58) Fluorene	15.210	166	76507	7.213	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.792	232	17663	6.935	ng	#	95
60) Diethylphthalate	15.004	149	80826	7.409	ng		99
61) 4-Chlorophenyl-phenyle...	15.216	204	37715	7.376	ng		98
62) 4-Nitroaniline	15.263	138	13481	5.992	ng		90
63) Azobenzene	15.510	77	84664	7.036	ng		94
65) 4,6-Dinitro-2-methylph...	15.321	198	9067	5.365	ng		84
66) n-Nitrosodiphenylamine	15.433	169	64262	7.532	ng		98
67) 4-Bromophenyl-phenylether	16.110	248	20859	7.736	ng		97
68) Hexachlorobenzene	16.210	284	23170	8.040	ng		93
69) Atrazine	16.404	200	20648	7.749	ng		95
70) Pentachlorophenol	16.574	266	12149	6.743	ng		91
71) Phenanthrene	16.951	178	115351	7.664	ng		99
72) Anthracene	17.045	178	115495	7.873	ng		99
73) Carbazole	17.327	167	100713	7.144	ng		99
74) Di-n-butylphthalate	17.898	149	116214	6.866	ng		99
75) Fluoranthene	18.980	202	119902	7.320	ng		99
77) Benzidine	19.186	184	55981	10.547	ng		99
78) Pyrene	19.345	202	123537	7.186	ng		99
80) Butylbenzylphthalate	20.268	149	48083	6.582	ng		100
81) Benzo(a)anthracene	21.103	228	115581	7.502	ng		99
82) 3,3'-Dichlorobenzidine	21.050	252	39650	9.290	ng		99
83) Chrysene	21.156	228	116292	7.749	ng		99
84) Bis(2-ethylhexyl)phtha...	21.050	149	70976	6.726	ng		97
85) Di-n-octyl phthalate	21.909	149	121541	7.291	ng		96
87) Indeno(1,2,3-cd)pyrene	25.368	276	134447	8.606	ng		96
88) Benzo(b)fluoranthene	22.621	252	118672	7.142	ng		98
89) Benzo(k)fluoranthene	22.668	252	116659	7.334	ng		99
90) Benzo(a)pyrene	23.168	252	113612	7.794	ng		98
91) Dibenzo(a,h)anthracene	25.380	278	115813	8.548	ng	#	92
92) Benzo(g,h,i)perylene	26.015	276	112153	8.788	ng		97

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

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