Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082521\
Data File : BM031903.D
Acq On : 26 Aug 2021 00:23
Operator : CG/JU
Sample : M2262-03
Misc : MDL-MDL-SOIL-4ppm
ALS Vial : 21 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
8/26/2021 11:41:20 AM

Quant Time: Aug 26 03:33:36 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 26 03:29:07 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.516	152	39536	20.000	ng		0.00
21) Naphthalene-d8	10.275	136	166135	20.000	ng		0.00
39) Acenaphthene-d10	14.157	164	115778	20.000	ng		0.00
64) Phenanthrene-d10	16.916	188	255010	20.000	ng		0.00
76) Chrysene-d12	21.115	240	263793	20.000	ng		0.00
86) Perylene-d12	23.256	264	253148	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.157	112	242494	101.400	ng		0.00
7) Phenol-d6	6.716	99	336910	99.570	ng		0.00
23) Nitrobenzene-d5	8.675	82	342512	89.301	ng		0.00
42) 2,4,6-Tribromophenol	15.663	330	143235	104.661	ng		0.00
45) 2-Fluorobiphenyl	12.775	172	749370	85.393	ng		0.00
79) Terphenyl-d14	19.568	244	1693902	92.692	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.169	88	3467	3.556	ng	#	90
3) Pyridine	3.569	79	7042	2.893	ng	#	87
4) n-Nitrosodimethylamine	3.481	42	5991	3.623	ng	#	49
6) Aniline	6.869	93	13811	3.842	ng		99
8) 2-Chlorophenol	7.093	128	9282	3.334	ng		98
9) Benzaldehyde	6.687	77	10702	4.769	ng		97
10) Phenol	6.746	94	11389	3.404	ng		90
11) bis(2-Chloroethyl)ether	6.969	93	8386	3.436	ng		98
12) 1,3-Dichlorobenzene	7.410	146	10585	3.442	ng		99
13) 1,4-Dichlorobenzene	7.557	146	10864	3.448	ng		96
14) 1,2-Dichlorobenzene	7.863	146	10511	3.426	ng		98
15) Benzyl Alcohol	7.775	79	8998	3.117	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.040	45	11624	3.550	ng		94
17) 2-Methylphenol	7.969	107	7409	3.103	ng		100
18) Hexachloroethane	8.569	117	4501	3.448	ng		89
19) n-Nitroso-di-n-propyla...	8.328	70	7907	3.033	ng	#	97
20) 3+4-Methylphenols	8.293	107	10181	3.100	ng		94
22) Acetophenone	8.345	105	17012	3.767	ng	#	98
24) Nitrobenzene	8.716	77	15066m	3.880	ng		
25) Isophorone	9.234	82	21366	3.226	ng		98
26) 2-Nitrophenol	9.416	139	4898	3.151	ng	#	91
27) 2,4-Dimethylphenol	9.487	122	8162	3.488	ng		96
28) bis(2-Chloroethoxy)met...	9.722	93	11679	3.610	ng	#	97
29) 2,4-Dichlorophenol	9.951	162	8572	3.119	ng		94
30) 1,2,4-Trichlorobenzene	10.145	180	10107	3.352	ng		89
31) Naphthalene	10.328	128	32615	3.513	ng		98
32) Benzoic acid	9.575	122	3696	1.854	ng		93
33) 4-Chloroaniline	10.463	127	12635	3.404	ng		96
34) Hexachlorobutadiene	10.604	225	6282	3.151	ng		92
35) Caprolactam	11.257	113	2383	2.846	ng	#	69
36) 4-Chloro-3-methylphenol	11.586	107	10142	3.112	ng		93
37) 2-Methylnaphthalene	11.945	142	23158	3.350	ng		96
38) 1-Methylnaphthalene	12.169	142	21700	3.319	ng		98
40) 1,2,4,5-Tetrachloroben...	12.322	216	11583	3.415	ng		98
41) Hexachlorocyclopentadiene	12.292	237	4366	2.640	ng		97
43) 2,4,6-Trichlorophenol	12.586	196	7135	2.930	ng		95

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44) 2,4,5-Trichlorophenol	12.657	196	7315	2.779	ng		95
46) 1,1'-Biphenyl	12.980	154	31035	3.464	ng		99
47) 2-Chloronaphthalene	13.022	162	22970	3.256	ng		97
48) 2-Nitroaniline	13.251	65	7151	2.913	ng		86
49) Acenaphthylene	13.875	152	36052	3.177	ng		98
50) Dimethylphthalate	13.633	163	30084	3.278	ng	#	99
51) 2,6-Dinitrotoluene	13.757	165	5792	2.866	ng		91
52) Acenaphthene	14.222	154	21775	3.152	ng		94
53) 3-Nitroaniline	14.092	138	5561	2.829	ng	#	87
54) 2,4-Dinitrophenol	14.316	184	2512	2.194	ng	#	83
55) Dibenzofuran	14.563	168	36208	3.112	ng		98
56) 4-Nitrophenol	14.427	139	4027m	2.592	ng		
57) 2,4-Dinitrotoluene	14.557	165	7882	2.738	ng	#	74
58) Fluorene	15.216	166	29352	3.077	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.798	232	6774	2.948	ng	#	98
60) Diethylphthalate	15.010	149	32734	3.268	ng		99
61) 4-Chlorophenyl-phenyle...	15.216	204	14927	3.152	ng		100
62) 4-Nitroaniline	15.263	138	5571	2.934	ng		90
63) Azobenzene	15.510	77	34755	3.147	ng		96
65) 4,6-Dinitro-2-methylph...	15.321	198	3693	2.103	ng		94
66) n-Nitrosodiphenylamine	15.439	169	24160	2.843	ng		99
67) 4-Bromophenyl-phenylether	16.116	248	8673	3.045	ng		96
68) Hexachlorobenzene	16.216	284	9334	3.101	ng		94
69) Atrazine	16.404	200	9438	3.294	ng		95
70) Pentachlorophenol	16.574	266	4827	2.553	ng		90
71) Phenanthrene	16.951	178	48835	3.253	ng		99
72) Anthracene	17.045	178	48081	3.274	ng		98
73) Carbazole	17.333	167	44106	3.180	ng		98
74) Di-n-butylphthalate	17.898	149	53886	3.095	ng		97
75) Fluoranthene	18.980	202	55471	3.383	ng		99
77) Benzidine	19.186	184	22627	3.279	ng		96
78) Pyrene	19.345	202	58486	2.651	ng		99
80) Butylbenzylphthalate	20.268	149	24838	2.618	ng		97
81) Benzo(a)anthracene	21.098	228	59154	3.118	ng		98
82) 3,3'-Dichlorobenzidine	21.045	252	19981	3.662	ng		98
83) Chrysene	21.151	228	57066	3.119	ng		97
84) Bis(2-ethylhexyl)phtha...	21.045	149	38306	2.806	ng		99
85) Di-n-octyl phthalate	21.903	149	65672	3.193	ng		99
87) Indeno(1,2,3-cd)pyrene	25.362	276	59357	3.389	ng		95
88) Benzo(b)fluoranthene	22.621	252	62168	3.244	ng		99
89) Benzo(k)fluoranthene	22.662	252	55460	3.053	ng		99
90) Benzo(a)pyrene	23.162	252	56612	3.410	ng		99
91) Dibenzo(a,h)anthracene	25.374	278	50818	3.350	ng		99
92) Benzo(g,h,i)perylene	26.009	276	50029	3.487	ng		99

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

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