Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080321\
Data File : BG049626.D
Acq On : 3 Aug 2021 16:27
Operator : CG/JU
Sample : M2262-03
Misc : MDL-MDL-SOIL 8ppm
ALS Vial : 12 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
8/4/2021 3:44:40 PM

Quant Time: Aug 03 17:08:00 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 03 17:07:11 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.039	152	24191	20.000	ng		0.00
21) Naphthalene-d8	10.859	136	102690	20.000	ng	#	0.00
39) Acenaphthene-d10	14.695	164	70622	20.000	ng		0.00
64) Phenanthrene-d10	17.444	188	153409	20.000	ng	#	0.00
76) Chrysene-d12	21.726	240	160363	20.000	ng		0.00
86) Perylene-d12	24.998	264	169581	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.589	112	145599	107.892	ng		0.00
7) Phenol-d6	7.193	99	203556	99.647	ng		0.00
23) Nitrobenzene-d5	9.208	82	145781	62.820	ng		0.00
42) 2,4,6-Tribromophenol	16.181	330	104102	100.286	ng		0.00
45) 2-Fluorobiphenyl	13.314	172	313043	64.499	ng		0.00
79) Terphenyl-d14	20.052	244	537521	60.877	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.463	88	5028	8.526	ng		99
3) Pyridine	3.886	79	11387	7.044	ng	#	84
4) n-Nitrosodimethylamine	3.792	42	6524	7.506	ng	#	76
6) Aniline	7.363	93	20183	9.322	ng		95
8) 2-Chlorophenol	7.604	128	11217	7.624	ng		95
9) Benzaldehyde	7.175	77	13681	10.037	ng		89
10) Phenol	7.222	94	16108	8.138	ng		94
11) bis(2-Chloroethyl)ether	7.452	93	10979	8.215	ng		82
12) 1,3-Dichlorobenzene	7.933	146	13895	8.246	ng		96
13) 1,4-Dichlorobenzene	8.074	146	14509	8.506	ng		88
14) 1,2-Dichlorobenzene	8.403	146	13850	8.571	ng		86
15) Benzyl Alcohol	8.274	79	13702	7.987	ng		89
16) 2,2'-oxybis(1-Chloropr...	8.574	45	13490	8.884	ng		93
17) 2-Methylphenol	8.480	107	10288	7.893	ng	#	85
18) Hexachloroethane	9.132	117	5047	7.697	ng	#	85
19) n-Nitroso-di-n-propyla...	8.850	70	11100	8.120	ng		91
20) 3+4-Methylphenols	8.809	107	14757	8.061	ng		90
22) Acetophenone	8.867	105	20966	7.515	ng	#	96
24) Nitrobenzene	9.255	77	17573	7.176	ng		97
25) Isophorone	9.778	82	30382	7.337	ng		96
26) 2-Nitrophenol	9.972	139	6695	7.164	ng		92
27) 2,4-Dimethylphenol	10.025	122	11905	8.619	ng	#	88
28) bis(2-Chloroethoxy)met...	10.254	93	14831	8.187	ng	#	94
29) 2,4-Dichlorophenol	10.506	162	12565	7.413	ng		93
30) 1,2,4-Trichlorobenzene	10.724	180	13810	7.400	ng		94
31) Naphthalene	10.912	128	40992	7.622	ng		97
32) Benzoic acid	10.160	122	2462m	2.756	ng		
33) 4-Chloroaniline	11.017	127	16413	7.730	ng		92
34) Hexachlorobutadiene	11.199	225	10366	7.643	ng		93
35) Caprolactam	11.775	113	3418	6.527	ng	#	85
36) 4-Chloro-3-methylphenol	12.145	107	14463	7.387	ng	#	81
37) 2-Methylnaphthalene	12.521	142	29916	7.384	ng		96
38) 1-Methylnaphthalene	12.739	142	29365	7.712	ng		97
40) 1,2,4,5-Tetrachloroben...	12.891	216	17692	8.502	ng		96
41) Hexachlorocyclopentadiene	12.868	237	6388	7.434	ng		97
43) 2,4,6-Trichlorophenol	13.126	196	9920	7.071	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.203	196	11702m	7.689	ng		
46) 1,1'-Biphenyl	13.526	154	41740	8.298	ng		98
47) 2-Chloronaphthalene	13.567	162	30881	7.687	ng		93
48) 2-Nitroaniline	13.767	65	11102	7.526	ng		91
49) Acenaphthylene	14.413	152	52901	8.308	ng		94
50) Dimethylphthalate	14.137	163	42749	8.023	ng	#	96
51) 2,6-Dinitrotoluene	14.260	165	8370	7.135	ng		90
52) Acenaphthene	14.759	154	28847	7.521	ng		93
53) 3-Nitroaniline	14.601	138	8736	7.636	ng		96
54) 2,4-Dinitrophenol	14.812	184	3072	4.612	ng	#	68
55) Dibenzofuran	15.088	168	48152	7.738	ng		99
56) 4-Nitrophenol	14.906	139	6347	7.594	ng	#	84
57) 2,4-Dinitrotoluene	15.053	165	12773	7.752	ng	#	83
58) Fluorene	15.740	166	39869	7.883	ng		93
59) 2,3,4,6-Tetrachlorophenol	15.317	232	10527	7.447	ng	#	96
60) Diethylphthalate	15.499	149	42386	7.909	ng		97
61) 4-Chlorophenyl-phenyle...	15.734	204	21467	7.952	ng		95
62) 4-Nitroaniline	15.758	138	8906	7.568	ng	#	80
63) Azobenzene	16.022	77	45113	7.954	ng		84
65) 4,6-Dinitro-2-methylph...	15.823	198	6423	6.514	ng		88
66) n-Nitrosodiphenylamine	15.946	169	33999	7.844	ng		96
67) 4-Bromophenyl-phenylether	16.627	248	14132	7.822	ng		89
68) Hexachlorobenzene	16.751	284	15098	7.522	ng		92
69) Atrazine	16.886	200	14569	8.402	ng		97
70) Pentachlorophenol	17.097	266	5905	5.486	ng		93
71) Phenanthrene	17.485	178	62869	7.789	ng		95
72) Anthracene	17.573	178	65788	8.300	ng		95
73) Carbazole	17.843	167	56253	7.493	ng		96
74) Di-n-butylphthalate	18.396	149	70091	8.009	ng		99
75) Fluoranthene	19.494	202	79319	7.986	ng		94
77) Benzidine	19.676	184	37277	9.072	ng	#	95
78) Pyrene	19.858	202	78945	7.221	ng		99
80) Butylbenzylphthalate	20.734	149	28926	6.947	ng	#	93
81) Benzo(a)anthracene	21.703	228	76827	7.356	ng		97
82) 3,3'-Dichlorobenzidine	21.615	252	29284	9.604	ng		90
83) Chrysene	21.767	228	75041	7.517	ng		98
84) Bis(2-ethylhexyl)phtha...	21.597	149	43812	7.434	ng	#	94
85) Di-n-octyl phthalate	22.825	149	74691	7.502	ng		99
87) Indeno(1,2,3-cd)pyrene	28.740	276	96598	7.899	ng	#	79
88) Benzo(b)fluoranthene	23.953	252	81671	7.343	ng	#	98
89) Benzo(k)fluoranthene	24.017	252	77852	7.504	ng	#	99
90) Benzo(a)pyrene	24.840	252	77834	7.733	ng	#	96
91) Dibenzo(a,h)anthracene	28.805	278	81764	7.934	ng	#	94
92) Benzo(g,h,i)perylene	29.909	276	80418	7.965	ng		94

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

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