Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040121\
Data File : BG048539.D
Acq On : 1 Apr 2021 11:20
Operator : CG/JU
Sample : M1458-03
Misc : MDL-MDL-SOIL-4PPM
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT1-2021

Manual Integrations APPROVED
mohammad
4/2/2021 11:05:33 AM

Quant Time: Apr 01 12:02:22 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 01 11:19:59 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.096	152	15172	20.00	ng		# 0.00
21) Naphthalene-d8	10.923	136	61956	20.00	ng		0.00
39) Acenaphthene-d10	14.748	164	46735	20.00	ng		0.00
64) Phenanthrene-d10	17.503	188	111552	20.00	ng		# 0.00
76) Chrysene-d12	21.798	240	112593	20.00	ng		# 0.00
86) Perylene-d12	25.141	264	113241	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.641	112	78245	91.05	ng		0.00
7) Phenol-d6	7.245	99	105138	84.36	ng		0.00
23) Nitrobenzene-d5	9.266	82	80934	63.25	ng		0.00
42) 2,4,6-Tribromophenol	16.240	330	52300	85.13	ng		0.00
45) 2-Fluorobiphenyl	13.373	172	204468	65.03	ng		0.00
79) Terphenyl-d14	20.112	244	414088	67.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.514	88	1733	5.01	ng		91
3) Pyridine	3.937	79	2991	3.45	ng		96
4) n-Nitrosodimethylamine	3.825	42	2684	4.74	ng	#	77
6) Aniline	7.415	93	6484	4.53	ng		99
8) 2-Chlorophenol	7.656	128	4589	4.73	ng		97
9) Benzaldehyde	7.227	77	4440	5.57	ng	#	84
10) Phenol	7.268	94	5174	4.15	ng		86
11) bis(2-Chloroethyl)ether	7.503	93	3621	4.18	ng	#	79
12) 1,3-Dichlorobenzene	7.985	146	5421	4.96	ng	#	68
13) 1,4-Dichlorobenzene	8.138	146	4792	4.34	ng		90
14) 1,2-Dichlorobenzene	8.449	146	5245m	4.96	ng		
15) Benzyl Alcohol	8.326	79	3779	3.70	ng	#	82
16) 2,2'-oxybis(1-Chloropr...	8.625	45	3946	4.72	ng		84
17) 2-Methylphenol	8.537	107	3445	4.27	ng	#	80
18) Hexachloroethane	9.195	117	1980	4.83	ng	#	75
19) n-Nitroso-di-n-propyla...	8.901	70	3456	4.02	ng	#	88
20) 3+4-Methylphenols	8.854	107	4637	4.14	ng	#	81
22) Acetophenone	8.925	105	6430	4.03	ng	#	90
24) Nitrobenzene	9.313	77	6466	5.15	ng		90
25) Isophorone	9.830	82	9674	4.09	ng	#	90
26) 2-Nitrophenol	10.030	139	2547	4.41	ng	#	87
27) 2,4-Dimethylphenol	10.071	122	3582	3.95	ng	#	74
28) bis(2-Chloroethoxy)met...	10.312	93	5859	5.41	ng	#	77
29) 2,4-Dichlorophenol	10.564	162	4201	4.09	ng		96
30) 1,2,4-Trichlorobenzene	10.782	180	5556	4.70	ng		98
31) Naphthalene	10.975	128	14705	4.62	ng	#	94
32) Benzoic acid	10.159	122	917m	1.31	ng		
33) 4-Chloroaniline	11.081	127	6259	4.66	ng		94
34) Hexachlorobutadiene	11.257	225	3568	4.14	ng	#	63
35) Caprolactam	11.822	113	1575	4.20	ng		84
36) 4-Chloro-3-methylphenol	12.192	107	4298	3.72	ng	#	83
37) 2-Methylnaphthalene	12.579	142	11585	4.57	ng	#	82
38) 1-Methylnaphthalene	12.797	142	10070	4.16	ng	#	90
40) 1,2,4,5-Tetrachloroben...	12.944	216	6180	4.27	ng		93
41) Hexachlorocyclopentadiene	12.920	237	3184	3.79	ng		83
43) 2,4,6-Trichlorophenol	13.185	196	4115	4.13	ng	#	67

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.243	196	3818	3.58	ng	#	89
46) 1,1'-Biphenyl	13.584	154	15640	4.58	ng		91
47) 2-Chloronaphthalene	13.625	162	10892	4.19	ng		92
48) 2-Nitroaniline	13.825	65	3075	3.72	ng		91
49) Acenaphthylene	14.477	152	17577	4.31	ng	#	92
50) Dimethylphthalate	14.189	163	14477	4.17	ng	#	95
51) 2,6-Dinitrotoluene	14.307	165	3261	4.11	ng	#	87
52) Acenaphthene	14.818	154	11227	3.81	ng		95
53) 3-Nitroaniline	14.648	138	2914	3.74	ng	#	89
54) 2,4-Dinitrophenol	14.847	184	1107	2.48	ng		94
55) Dibenzofuran	15.147	168	19280	4.47	ng	#	87
56) 4-Nitrophenol	14.947	139	1935	3.08	ng	#	72
57) 2,4-Dinitrotoluene	15.100	165	4904	4.37	ng	#	91
58) Fluorene	15.793	166	15941	4.42	ng		92
59) 2,3,4,6-Tetrachlorophenol	15.370	232	3842	3.70	ng	#	91
60) Diethylphthalate	15.552	149	16123	4.52	ng		98
61) 4-Chlorophenyl-phenyle...	15.787	204	7883	4.06	ng	#	88
62) 4-Nitroaniline	15.805	138	3079	3.78	ng	#	83
63) Azobenzene	16.075	77	14700	4.19	ng		92
65) 4,6-Dinitro-2-methylph...	15.864	198	2049	3.06	ng		83
66) n-Nitrosodiphenylamine	15.993	169	13942	4.39	ng		95
67) 4-Bromophenyl-phenylether	16.686	248	5551	4.49	ng		88
68) Hexachlorobenzene	16.798	284	6152	4.76	ng	#	83
69) Atrazine	16.945	200	5741	4.44	ng		91
70) Pentachlorophenol	17.151	266	2157	2.69	ng	#	89
71) Phenanthrene	17.544	178	25679	4.43	ng		97
72) Anthracene	17.632	178	25304m	4.39	ng		
73) Carbazole	17.903	167	22881	4.18	ng	#	93
74) Di-n-butylphthalate	18.455	149	26414	4.32	ng		98
75) Fluoranthene	19.554	202	31910	4.44	ng		93
77) Benzidine	19.730	184	12761	3.35	ng		96
78) Pyrene	19.912	202	32532	4.20	ng		100
80) Butylbenzylphthalate	20.793	149	10644	3.70	ng	#	93
81) Benzo(a)anthracene	21.775	228	32726	4.35	ng		97
82) 3,3'-Dichlorobenzidine	21.686	252	11982	4.64	ng		96
83) Chrysene	21.839	228	30758	4.28	ng		97
84) Bis(2-ethylhexyl)phtha...	21.681	149	16020	4.00	ng		94
85) Di-n-octyl phthalate	22.932	149	29078	4.16	ng		98
87) Indeno(1,2,3-cd)pyrene	28.948	276	34185	4.31	ng	#	93
88) Benzo(b)fluoranthene	24.072	252	31340m	4.26	ng		
89) Benzo(k)fluoranthene	24.137	252	30136	4.26	ng		95
90) Benzo(a)pyrene	24.977	252	28893	4.26	ng		93
91) Dibenzo(a,h)anthracene	29.037	278	28736	4.24	ng		99
92) Benzo(g,h,i)perylene	30.153	276	29341	4.42	ng		99

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

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