Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051122\
Data File : BG053524.D
Acq On : 11 May 2022 13:26
Operator : CG/JU
Sample : N2656-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 11 14:08:16 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 11 06:00:46 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PT-BNA-SOIL

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/17/2022
Supervised By :Jagrut Upadhyay 05/17/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.083	152	21313	20.000	ng		0.00
21) Naphthalene-d8	10.897	136	92336	20.000	ng		0.00
39) Acenaphthene-d10	14.715	164	75143	20.000	ng		0.00
64) Phenanthrene-d10	17.459	188	176483	20.000	ng		0.00
76) Chrysene-d12	21.747	240	162914	20.000	ng		0.00
86) Perylene-d12	25.019	264	179673	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.651	112	128562	102.373	ng		0.00
7) Phenol-d6	7.249	99	210746	110.575	ng		0.00
23) Nitrobenzene-d5	9.246	82	154275	71.123	ng		0.00
42) 2,4,6-Tribromophenol	16.202	330	136204	122.898	ng		0.00
45) 2-Fluorobiphenyl	13.335	172	380279	73.952	ng		0.00
79) Terphenyl-d14	20.061	244	776262	88.744	ng		0.00
Target Compounds							Qvalue
8) 2-Chlorophenol	7.654	128	137489	104.726	ng		98
11) bis(2-Chloroethyl)ether	7.496	93	136658	98.300	ng		96
12) 1,3-Dichlorobenzene	7.977	146	108484m	70.045	ng		
14) 1,2-Dichlorobenzene	8.441	146	84509	57.583	ng		96
18) Hexachloroethane	9.170	117	64850	109.267	ng		98
25) Isophorone	9.816	82	353346	96.793	ng		98
28) bis(2-Chloroethoxy)met...	10.292	93	285251	135.864	ng		96
29) 2,4-Dichlorophenol	10.550	162	225210	145.821	ng		94
31) Naphthalene	10.950	128	325218	69.241	ng		99
34) Hexachlorobutadiene	11.232	225	72148	55.448	ng		98
36) 4-Chloro-3-methylphenol	12.172	107	298947	161.820	ng		97
37) 2-Methylnaphthalene	12.548	142	323104	92.179	ng		98
47) 2-Chloronaphthalene	13.593	162	358955	89.448	ng		99
49) Acenaphthylene	14.439	152	573847	89.612	ng		99
50) Dimethylphthalate	14.163	163	975637	170.860	ng		98
52) Acenaphthene	14.780	154	612541	160.508	ng		98
55) Dibenzofuran	15.115	168	984566	143.632	ng		97
56) 4-Nitrophenol	14.939	139	184741	205.772	ng		84
57) 2,4-Dinitrotoluene	15.080	165	213947	126.876	ng	#	85
58) Fluorene	15.761	166	618614	112.458	ng		98
60) Diethylphthalate	15.520	149	447406	75.852	ng		100
61) 4-Chlorophenyl-phenyle...	15.749	204	402304	131.064	ng		100
67) 4-Bromophenyl-phenylether	16.642	248	294866	143.061	ng		95
71) Phenanthrene	17.500	178	603895	67.295	ng		98
74) Di-n-butylphthalate	18.410	149	1186054	121.993	ng		98
78) Pyrene	19.873	202	580146	55.010	ng		99
81) Benzo(a)anthracene	21.724	228	1330505	128.044	ng		97
83) Chrysene	21.794	228	873761	90.034	ng		96
84) Bis(2-ethylhexyl)phtha...	21.618	149	1172805	219.721	ng	#	95
85) Di-n-octyl phthalate	22.834	149	646097	71.582	ng		99
88) Benzo(b)fluoranthene	23.985	252	1176703	110.643	ng		99
90) Benzo(a)pyrene	24.872	252	760133	83.973	ng		99
92) Benzo(g,h,i)perylene	29.971	276	620605	60.718	ng		96

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