Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080221\
Data File : BG049607.D
Acq On : 2 Aug 2021 18:50
Operator : CG/JU
Sample : M2262-02
Misc : LOQ-SOIL-10ppm
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2021

Manual Integrations APPROVED
mohammad
8/3/2021 11:49:47 AM

Quant Time: Aug 03 01:22:01 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 03 01:17:27 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.052	152	28553	20.000	ng		0.00
21) Naphthalene-d8	10.872	136	114497	20.000	ng		0.00
39) Acenaphthene-d10	14.696	164	82637	20.000	ng		0.00
64) Phenanthrene-d10	17.445	188	181340	20.000	ng	#	0.00
76) Chrysene-d12	21.728	240	177993	20.000	ng		0.00
86) Perylene-d12	25.006	264	188316	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.591	112	167514	99.536	ng		-0.02
7) Phenol-d6	7.200	99	245796	100.284	ng		0.00
23) Nitrobenzene-d5	9.215	82	177989	69.650	ng		0.00
42) 2,4,6-Tribromophenol	16.188	330	130001	117.471	ng		0.00
45) 2-Fluorobiphenyl	13.321	172	391500	68.170	ng		0.00
79) Terphenyl-d14	20.053	244	674714	74.030	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.458	88	5760	7.555	ng		97
3) Pyridine	3.875	79	21289m	10.957	ng		
4) n-Nitrosodimethylamine	3.793	42	7628	7.995	ng	#	77
6) Aniline	7.371	93	24496	9.241	ng		98
8) 2-Chlorophenol	7.606	128	14328	8.302	ng		97
9) Benzaldehyde	7.183	77	15184	9.325	ng		81
10) Phenol	7.230	94	18911	8.100	ng		92
11) bis(2-Chloroethyl)ether	7.459	93	13878	8.677	ng		94
12) 1,3-Dichlorobenzene	7.935	146	17434m	8.544	ng		
13) 1,4-Dichlorobenzene	8.081	146	16746	8.241	ng		96
14) 1,2-Dichlorobenzene	8.410	146	15750	8.024	ng		92
15) Benzyl Alcohol	8.287	79	16706	8.339	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.569	45	15159	8.114	ng		90
17) 2-Methylphenol	8.487	107	12339	7.938	ng		94
18) Hexachloroethane	9.145	117	6601	8.359	ng		93
19) n-Nitroso-di-n-propyla...	8.851	70	14149	8.786	ng		97
20) 3+4-Methylphenols	8.816	107	18819	8.834	ng		90
22) Acetophenone	8.874	105	27044	8.820	ng	#	96
24) Nitrobenzene	9.256	77	22673	8.448	ng	#	86
25) Isophorone	9.779	82	38317	8.463	ng	#	96
26) 2-Nitrophenol	9.973	139	8283	8.502	ng	#	83
27) 2,4-Dimethylphenol	10.038	122	13674	8.779	ng		97
28) bis(2-Chloroethoxy)met...	10.267	93	17920	8.871	ng	#	89
29) 2,4-Dichlorophenol	10.519	162	14681	8.128	ng		99
30) 1,2,4-Trichlorobenzene	10.731	180	17511	8.585	ng		89
31) Naphthalene	10.919	128	49205	8.149	ng		96
32) Benzoic acid	10.137	122	7338m	7.170	ng		
33) 4-Chloroaniline	11.025	127	21030	9.126	ng	#	92
34) Hexachlorobutadiene	11.201	225	12071	8.258	ng		93
35) Caprolactam	11.782	113	4969	8.860	ng		87
36) 4-Chloro-3-methylphenol	12.147	107	17917	8.411	ng	#	93
37) 2-Methylnaphthalene	12.523	142	39489	8.960	ng		93
38) 1-Methylnaphthalene	12.746	142	36078	8.562	ng		98
40) 1,2,4,5-Tetrachloroben...	12.893	216	22009	9.006	ng		96
41) Hexachlorocyclopentadiene	12.869	237	9447	8.661	ng		84
43) 2,4,6-Trichlorophenol	13.133	196	12893m	8.089	ng		

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.210	196	14198	8.235	ng	#	90
46) 1,1'-Biphenyl	13.527	154	52820	8.719	ng		99
47) 2-Chloronaphthalene	13.574	162	37682	8.098	ng		95
48) 2-Nitroaniline	13.774	65	13486	8.328	ng		93
49) Acenaphthylene	14.420	152	65728	8.712	ng	#	94
50) Dimethylphthalate	14.144	163	51598	8.595	ng		97
51) 2,6-Dinitrotoluene	14.261	165	11376	8.728	ng		96
52) Acenaphthene	14.761	154	37355	8.203	ng		94
53) 3-Nitroaniline	14.596	138	10923	8.358	ng	#	97
54) 2,4-Dinitrophenol	14.819	184	4200	7.656	ng	#	75
55) Dibenzofuran	15.095	168	59066	8.083	ng		93
56) 4-Nitrophenol	14.908	139	7233	7.016	ng		91
57) 2,4-Dinitrotoluene	15.060	165	15561	8.638	ng		96
58) Fluorene	15.748	166	49551	8.369	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.325	232	12529	7.949	ng	#	95
60) Diethylphthalate	15.507	149	54049	8.963	ng		99
61) 4-Chlorophenyl-phenyle...	15.736	204	26268	8.722	ng		91
62) 4-Nitroaniline	15.759	138	10982	7.983	ng	#	82
63) Azobenzene	16.030	77	54257	8.125	ng		90
65) 4,6-Dinitro-2-methylph...	15.824	198	7633	7.770	ng		87
66) n-Nitrosodiphenylamine	15.947	169	43333	8.319	ng		96
67) 4-Bromophenyl-phenylether	16.629	248	17500	8.520	ng		93
68) Hexachlorobenzene	16.752	284	19573	8.415	ng	#	92
69) Atrazine	16.893	200	18174	8.805	ng		91
70) Pentachlorophenol	17.105	266	8349	7.987	ng		90
71) Phenanthrene	17.486	178	79052	8.109	ng		97
72) Anthracene	17.580	178	80913	8.445	ng		98
73) Carbazole	17.851	167	71472	7.843	ng		96
74) Di-n-butylphthalate	18.403	149	84812	8.161	ng		98
75) Fluoranthene	19.495	202	97770	8.055	ng		97
77) Benzidine	19.678	184	50143	10.179	ng		96
78) Pyrene	19.860	202	98369	8.420	ng		98
80) Butylbenzylphthalate	20.741	149	35572	8.375	ng		93
81) Benzo(a)anthracene	21.710	228	95339	8.456	ng		95
82) 3,3'-Dichlorobenzidine	21.622	252	37199	11.437	ng		93
83) Chrysene	21.775	228	87888	8.083	ng		95
84) Bis(2-ethylhexyl)phtha...	21.604	149	53823	8.449	ng		94
85) Di-n-octyl phthalate	22.832	149	90899	8.261	ng		99
87) Indeno(1,2,3-cd)pyrene	28.753	276	108814	8.163	ng		97
88) Benzo(b)fluoranthene	23.954	252	97947m	8.072	ng		
89) Benzo(k)fluoranthene	24.030	252	93315	8.268	ng		99
90) Benzo(a)pyrene	24.847	252	92643	8.423	ng	#	96
91) Dibenzo(a,h)anthracene	28.806	278	93745	8.374	ng	#	98
92) Benzo(g,h,i)perylene	29.922	276	92215	8.324	ng		95

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

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