Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070721\
Data File : BG049207.D
Acq On : 7 Jul 2021 20:10
Operator : CG/JU
Sample : M2947-10MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4-SOIL-BANKMSD

Manual Integrations APPROVED
mohammad
7/8/2021 12:40:33 PM

Quant Time: Jul 08 02:21:36 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG063021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 06 10:59:02 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.090	152	42916	20.000	ng	# 0.00
21) Naphthalene-d8	10.910	136	164337	20.000	ng	# 0.00
39) Acenaphthene-d10	14.735	164	110743	20.000	ng	0.00
64) Phenanthrene-d10	17.485	188	226201	20.000	ng	# 0.00
76) Chrysene-d12	21.774	240	216374	20.000	ng	# 0.01
86) Perylene-d12	25.076	264	230054	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.646	112	273578	99.846	ng	0.01
7) Phenol-d6	7.250	99	354407	90.723	ng	0.01
23) Nitrobenzene-d5	9.259	82	252549	65.155	ng	0.00
42) 2,4,6-Tribromophenol	16.222	330	188425	98.150	ng	0.00
45) 2-Fluorobiphenyl	13.355	172	522427	63.646	ng	0.00
79) Terphenyl-d14	20.088	244	784606	61.446	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.525	88	39700	33.002	ng	# 79
3) Pyridine	3.925	79	101490	31.203	ng	94
4) n-Nitrosodimethylamine	3.836	42	78569	42.531	ng	# 71
6) Aniline	7.409	93	177891	37.403	ng	92
8) 2-Chlorophenol	7.655	128	145156	48.285	ng	90
9) Benzaldehyde	7.221	77	99531	48.440	ng	91
10) Phenol	7.274	94	181987	46.375	ng	93
11) bis(2-Chloroethyl)ether	7.503	93	129346	45.189	ng	86
12) 1,3-Dichlorobenzene	7.979	146	156288	46.482	ng	96
13) 1,4-Dichlorobenzene	8.126	146	157552	46.598	ng	98
14) 1,2-Dichlorobenzene	8.449	146	153177	47.056	ng	95
15) Benzyl Alcohol	8.325	79	156864	45.601	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.619	45	212179	43.666	ng	84
17) 2-Methylphenol	8.531	107	122816	46.445	ng	98
18) Hexachloroethane	9.183	117	65053	48.182	ng	97
19) n-Nitroso-di-n-propyla...	8.901	70	114482	40.778	ng	99
20) 3+4-Methylphenols	8.860	107	166918	45.532	ng	96
22) Acetophenone	8.919	105	232367	47.402	ng	# 97
24) Nitrobenzene	9.301	77	188427	44.865	ng	92
25) Isophorone	9.829	82	303935	40.821	ng	97
26) 2-Nitrophenol	10.017	139	82116	49.112	ng	96
27) 2,4-Dimethylphenol	10.070	122	133979	53.408	ng	91
28) bis(2-Chloroethoxy)met...	10.305	93	173433	49.398	ng	95
29) 2,4-Dichlorophenol	10.558	162	144196	47.930	ng	93
30) 1,2,4-Trichlorobenzene	10.769	180	167486	47.273	ng	93
31) Naphthalene	10.963	128	437274	45.701	ng	98
32) Benzoic acid	10.235	122	90122	44.941	ng	# 77
33) 4-Chloroaniline	11.063	127	103438	26.145	ng	96
34) Hexachlorobutadiene	11.245	225	126574	48.355	ng	92
35) Caprolactam	11.856	113	44023m	46.105	ng	
36) 4-Chloro-3-methylphenol	12.185	107	158331	45.738	ng	# 95
37) 2-Methylnaphthalene	12.561	142	327251	45.418	ng	98
38) 1-Methylnaphthalene	12.785	142	301700	44.213	ng	96
40) 1,2,4,5-Tetrachloroben...	12.932	216	193826	50.169	ng	97
41) Hexachlorocyclopentadiene	12.908	237	168075	73.443	ng	90
43) 2,4,6-Trichlorophenol	13.167	196	131667	49.353	ng	92

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.243	196	139269	47.736	ng		92
46) 1,1'-Biphenyl	13.566	154	401965	48.588	ng		96
47) 2-Chloronaphthalene	13.613	162	321154	47.176	ng		97
48) 2-Nitroaniline	13.807	65	117391	47.291	ng		97
49) Acenaphthylene	14.459	152	508701	47.398	ng		98
50) Dimethylphthalate	14.183	163	407298	45.827	ng		98
51) 2,6-Dinitrotoluene	14.301	165	92373	45.338	ng		89
52) Acenaphthene	14.800	154	304441	45.513	ng		95
53) 3-Nitroaniline	14.636	138	63012	32.197	ng		90
54) 2,4-Dinitrophenol	14.841	184	75407	55.584	ng		93
55) Dibenzofuran	15.129	168	486356	44.664	ng		99
56) 4-Nitrophenol	14.947	139	144218	90.428	ng		92
57) 2,4-Dinitrotoluene	15.094	165	129304	44.678	ng		95
58) Fluorene	15.781	166	400115	44.427	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.358	232	127866	47.082	ng	#	97
60) Diethylphthalate	15.546	149	427504	45.394	ng		97
61) 4-Chlorophenyl-phenyle...	15.769	204	229374	46.014	ng		96
62) 4-Nitroaniline	15.799	138	77996	38.364	ng	#	83
63) Azobenzene	16.063	77	401910	42.332	ng		91
65) 4,6-Dinitro-2-methylph...	15.858	198	50455	31.226	ng		95
66) n-Nitrosodiphenylamine	15.987	169	346888	49.034	ng		97
67) 4-Bromophenyl-phenylether	16.668	248	152752	50.056	ng		91
68) Hexachlorobenzene	16.786	284	165410	49.029	ng		97
69) Atrazine	16.933	200	145941	62.118	ng		95
70) Pentachlorophenol	17.133	266	214791	109.377	ng		96
71) Phenanthrene	17.526	178	613495	47.099	ng		98
72) Anthracene	17.620	178	633432	48.782	ng		98
73) Carbazole	17.885	167	567557	45.845	ng		97
74) Di-n-butylphthalate	18.437	149	672588	47.252	ng		98
75) Fluoranthene	19.530	202	737347	45.217	ng		98
77) Benzidine	19.706	184	498144	107.182	ng		98
78) Pyrene	19.894	202	738905	45.978	ng		98
80) Butylbenzylphthalate	20.770	149	288797	47.432	ng		98
81) Benzo(a)anthracene	21.751	228	740993	45.914	ng		99
82) 3,3'-Dichlorobenzidine	21.663	252	230345	41.955	ng		99
83) Chrysene	21.821	228	709714	46.290	ng		96
84) Bis(2-ethylhexyl)phtha...	21.645	149	416105	48.385	ng		99
85) Di-n-octyl phthalate	22.891	149	696442	48.117	ng		98
87) Indeno(1,2,3-cd)pyrene	28.872	276	877234	47.788	ng		92
88) Benzo(b)fluoranthene	24.030	252	790027	47.588	ng	#	96
89) Benzo(k)fluoranthene	24.095	252	730155	46.102	ng		99
90) Benzo(a)pyrene	24.929	252	757224	49.445	ng		97
91) Dibenzo(a,h)anthracene	28.948	278	724444	46.756	ng		97
92) Benzo(g,h,i)perylene	30.059	276	692719	45.355	ng		100

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

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