Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021219\
Data File : BG039475.D
Acq On : 12 Feb 2019 22:32
Operator : JU/SJ
Sample : K1457-01MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : IDW-SOIL-01MSD

Manual Integrations APPROVED
Sohil
2/13/2019 9:56:59 AM

Quant Time: Feb 13 01:27:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 29 15:41:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	51726	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	232433	20.00	ng	-0.01
39) Acenaphthene-d10	14.80	164	161881	20.00	ng	-0.01
64) Phenanthrene-d10	17.54	188	364389	20.00	ng	0.00
76) Chrysene-d12	21.84	240	355921	20.00	ng	0.00
87) Perylene-d12	25.22	264	372209	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	490258	162.22	ng	0.00
7) Phenol-d6	7.32	99	655661	147.38	ng	0.00
23) Nitrobenzene-d5	9.36	82	472368	126.96	ng	0.00
42) 2,4,6-Tribromophenol	16.29	330	312358	179.19	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	1115817	98.88	ng	-0.01
79) Terphenyl-d14	20.14	244	1663728	98.94	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.62	88	46729	35.347	ng	# 1
3) Pyridine	4.02	79	130811	37.373	ng	95
4) n-Nitrosodimethylamine	3.93	42	74535	42.580	ng	85
6) Aniline	7.50	93	74003	13.280	ng	95
8) 2-Chlorophenol	7.73	128	175699	53.184	ng	96
9) Benzaldehyde	7.31	77	79391	34.298	ng	92
10) Phenol	7.34	94	204292	44.053	ng	98
11) bis(2-Chloroethyl)ether	7.59	93	173797	47.429	ng	95
12) 1,3-Dichlorobenzene	8.06	146	173919	43.458	ng	96
13) 1,4-Dichlorobenzene	8.21	146	177826	44.580	ng	97
14) 1,2-Dichlorobenzene	8.53	146	173777	45.002	ng	99
15) Benzyl Alcohol	8.41	79	180053	51.553	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.69	45	333565	40.310	ng	100
17) 2-Methylphenol	8.60	107	157021	52.323	ng	97
18) Hexachloroethane	9.26	117	64408	46.933	ng	98
19) n-Nitroso-di-n-propylamine	8.98	70	148707	47.097	ng	96
20) 3+4-Methylphenols	8.93	107	215719	52.200	ng	96
22) Acetophenone	9.00	105	286020	45.811	ng	# 94
24) Nitrobenzene	9.40	77	219704	54.660	ng	95
25) Isophorone	9.91	82	426822	51.768	ng	100
26) 2-Nitrophenol	10.10	139	105628	61.470	ng	97
27) 2,4-Dimethylphenol	10.14	122	191316	57.362	ng	95
28) bis(2-Chloroethoxy)methane	10.39	93	251337	49.492	ng	98
29) 2,4-Dichlorophenol	10.63	162	207933	57.043	ng	94
30) 1,2,4-Trichlorobenzene	10.85	180	194543	47.537	ng	96
31) Naphthalene	11.05	128	599313	51.975	ng	98
32) Benzoic acid	10.26	122	96803	45.015	ng	97
33) 4-Chloroaniline	11.15	127	11198	2.094	ng	# 92
34) Hexachlorobutadiene	11.31	225	124498	45.744	ng	97
35) Caprolactam	11.94	113	47265m	31.334	ng	
36) 4-Chloro-3-methylphenol	12.25	107	221000	52.423	ng	98
37) 2-Methylnaphthalene	12.64	142	449126	52.588	ng	97
38) 1-Methylnaphthalene	12.86	142	428128	52.005	ng	99
40) 1,2,4,5-Tetrachlorobenzene	13.00	216	247410	48.035	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	262139	93.400	ng		98
43) 2,4,6-Trichlorophenol	13.23	196	174786	55.192	ng		99
44) 2,4,5-Trichlorophenol	13.30	196	185105	55.769	ng		99
46) 1,1'-Biphenyl	13.63	154	604544	44.884	ng		100
47) 2-Chloronaphthalene	13.69	162	462489	45.645	ng		98
48) 2-Nitroaniline	13.89	65	161700	54.249	ng		98
49) Acenaphthylene	14.53	152	742777	48.583	ng		98
50) Dimethylphthalate	14.24	163	615441	47.073	ng		99
51) 2,6-Dinitrotoluene	14.37	165	138135	55.366	ng		97
52) Acenaphthene	14.86	154	457957	46.145	ng		97
53) 3-Nitroaniline	14.70	138	20378	12.589	ng	#	96
54) 2,4-Dinitrophenol	14.91	184	105537	91.315	ng		100
55) Dibenzofuran	15.20	168	735083	46.197	ng		99
56) 4-Nitrophenol	15.00	139	199598	84.114	ng		92
57) 2,4-Dinitrotoluene	15.16	165	192781	59.376	ng	#	87
58) Fluorene	15.84	166	584845	49.305	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.41	232	182633	58.767	ng		96
60) Diethylphthalate	15.60	149	609309	45.075	ng		97
61) 4-Chlorophenyl-phenylether	15.83	204	305088	45.424	ng		99
62) 4-Nitroaniline	15.87	138	133290	48.563	ng		95
63) Azobenzene	16.12	77	554123	41.940	ng		97
65) 4,6-Dinitro-2-methylphenol	15.91	198	92055	58.841	ng		99
66) n-Nitrosodiphenylamine	16.05	169	536156	48.390	ng		98
67) 4-Bromophenyl-phenylether	16.72	248	202124	50.000	ng		95
68) Hexachlorobenzene	16.83	284	209018	51.535	ng		95
69) Atrazine	16.99	200	204706	50.557	ng		98
70) Pentachlorophenol	17.18	266	253383	89.888	ng		97
71) Phenanthrene	17.59	178	934939	49.573	ng		98
72) Anthracene	17.68	178	950195	51.149	ng		98
73) Carbazole	17.94	167	826638	44.588	ng		98
74) Di-n-butylphthalate	18.48	149	989716	45.759	ng		99
75) Fluoranthene	19.58	202	1095635	50.051	ng		99
77) Benzidine	19.77	184	168966	14.480	ng		97
78) Pyrene	19.95	202	1099895	49.641	ng		98
80) Butylbenzylphthalate	20.82	149	469269	50.207	ng		97
81) Benzo(a)anthracene	21.82	228	1086857	51.678	ng		99
82) 3,3'-Dichlorobenzidine	21.72	252	117502	15.068	ng		99
83) Chrysene	21.89	228	1007242	50.311	ng		100
84) Bis(2-ethylhexyl)phthalate	21.69	149	646474	48.482	ng	#	98
85) Di-n-octyl phthalate	22.95	149	1103514	50.092	ng		96
86) Indeno(1,2,3-cd)pyrene	29.11	276	1225780	57.066	ng		99
88) Benzo(b)fluoranthene	24.14	252	1064725	52.453	ng		99
89) Benzo(k)fluoranthene	24.21	252	1019156	50.009	ng		98
90) Benzo(a)pyrene	25.06	252	1039460	53.172	ng		98
91) Dibenzo(a,h)anthracene	29.19	278	985053	53.805	ng		99
92) Benzo(g,h,i)perylene	30.35	276	1005996	55.130	ng		98

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

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