Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061919\
Data File : BG041351.D
Acq On : 20 Jun 2019 7:31
Operator : HP/JU
Sample : K3368-01MSD
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SOILMSD

Manual Integrations APPROVED
mohammad
6/21/2019 9:57:57 PM

Quant Time: Jun 20 08:45:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 14:58:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	42305	20.00	ng		0.00
21) Naphthalene-d8	10.90	136	164666	20.00	ng		0.00
39) Acenaphthene-d10	14.72	164	111695	20.00	ng		0.00
64) Phenanthrene-d10	17.47	188	269941	20.00	ng		0.00
76) Chrysene-d12	21.75	240	260612	20.00	ng		0.00
87) Perylene-d12	25.06	264	251491	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	240451	104.43	ng		0.00
7) Phenol-d6	7.24	99	310145	92.93	ng		0.00
23) Nitrobenzene-d5	9.26	82	327239	83.58	ng		0.00
42) 2,4,6-Tribromophenol	16.21	330	177943	103.77	ng		0.00
45) 2-Fluorobiphenyl	13.34	172	710440	86.45	ng		0.00
79) Terphenyl-d14	20.06	244	1158521	88.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.47	88	31580m	27.353	ng		
3) Pyridine	3.89	79	92326	30.144	ng		98
4) n-Nitrosodimethylamine	3.80	42	55091	33.729	ng		97
6) Aniline	7.41	93	59091	12.738	ng		97
8) 2-Chlorophenol	7.64	128	94947	35.096	ng		97
9) Benzaldehyde	7.22	77	26667	12.493	ng		93
10) Phenol	7.27	94	108033	30.102	ng		92
11) bis(2-Chloroethyl)ether	7.50	93	107948	39.642	ng		96
12) 1,3-Dichlorobenzene	7.96	146	124901	36.872	ng		93
13) 1,4-Dichlorobenzene	8.12	146	129495	37.425	ng		97
14) 1,2-Dichlorobenzene	8.43	146	123128	37.256	ng		93
15) Benzyl Alcohol	8.33	79	112182	35.083	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.60	45	165071	37.031	ng		96
17) 2-Methylphenol	8.52	107	88029	34.309	ng		95
18) Hexachloroethane	9.16	117	46806	34.136	ng		96
19) n-Nitroso-di-n-propylamine	8.89	70	102185	37.857	ng		98
20) 3+4-Methylphenols	8.86	107	116443	34.091	ng		94
22) Acetophenone	8.92	105	194022	40.490	ng	#	96
24) Nitrobenzene	9.30	77	163873	41.615	ng		96
25) Isophorone	9.82	82	280585	39.061	ng		97
26) 2-Nitrophenol	10.01	139	56614	35.462	ng		96
27) 2,4-Dimethylphenol	10.06	122	93562	39.098	ng		94
28) bis(2-Chloroethoxy)methane	10.30	93	149459	39.932	ng		99
29) 2,4-Dichlorophenol	10.55	162	111903	37.714	ng		94
30) 1,2,4-Trichlorobenzene	10.76	180	154229	40.585	ng		96
31) Naphthalene	10.96	128	376666	42.089	ng		100
33) 4-Chloroaniline	11.07	127	33548	8.827	ng		97
34) Hexachlorobutadiene	11.21	225	112332	37.240	ng		97
35) Caprolactam	11.86	113	25861m	25.317	ng		
36) 4-Chloro-3-methylphenol	12.18	107	118950	34.707	ng		97
37) 2-Methylnaphthalene	12.55	142	277130	42.044	ng		98
38) 1-Methylnaphthalene	12.77	142	258259	40.952	ng		93
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	204223	44.279	ng		98
41) Hexachlorocyclopentadiene	12.88	237	57308	18.446	ng		97

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
43) 2,4,6-Trichlorophenol	13.16	196	104217	36.527 ng		97
44) 2,4,5-Trichlorophenol	13.23	196	106277	36.201 ng		99
46) 1,1'-Biphenyl	13.55	154	368958	43.694 ng		99
47) 2-Chloronaphthalene	13.60	162	306534	42.165 ng		99
48) 2-Nitroaniline	13.82	65	109691	41.198 ng		92
49) Acenaphthylene	14.45	152	459880	41.687 ng		99
50) Dimethylphthalate	14.17	163	392240	39.468 ng		99
51) 2,6-Dinitrotoluene	14.30	165	85197	40.657 ng		95
52) Acenaphthene	14.79	154	271011	41.836 ng		96
53) 3-Nitroaniline	14.64	138	46254	22.404 ng		100
54) 2,4-Dinitrophenol	14.85	184	6463	8.876 ng		94
55) Dibenzofuran	15.11	168	468507	41.597 ng		98
56) 4-Nitrophenol	14.94	139	83800	54.497 ng		98
57) 2,4-Dinitrotoluene	15.09	165	120547	39.353 ng		98
58) Fluorene	15.77	166	365859	41.293 ng		98
59) 2,3,4,6-Tetrachlorophenol	15.34	232	100327	33.047 ng		99
60) Diethylphthalate	15.52	149	394619	39.066 ng		98
61) 4-Chlorophenyl-phenylether	15.75	204	230811	40.039 ng		98
62) 4-Nitroaniline	15.80	138	79459	35.985 ng		94
63) Azobenzene	16.04	77	365368	40.544 ng		98
65) 4,6-Dinitro-2-methylphenol	15.85	198	9717	5.546 ng		84
66) n-Nitrosodiphenylamine	15.97	169	328732	45.864 ng		99
67) 4-Bromophenyl-phenylether	16.65	248	148311	42.491 ng		95
68) Hexachlorobenzene	16.76	284	158083	42.295 ng		99
69) Atrazine	16.91	200	139459	Below Cal		99
70) Pentachlorophenol	17.11	266	64665	33.787 ng		93
71) Phenanthrene	17.51	178	616070	42.792 ng		100
72) Anthracene	17.60	178	624541	44.002 ng		100
73) Carbazole	17.88	167	540302	43.516 ng		100
74) Di-n-butylphthalate	18.40	149	647977	41.826 ng		99
75) Fluoranthene	19.51	202	785078	41.047 ng		99
77) Benzidine	19.70	184	117544	18.647 ng		98
78) Pyrene	19.87	202	782041	44.495 ng		99
80) Butylbenzylphthalate	20.74	149	292606	44.014 ng		95
81) Benzo(a)anthracene	21.72	228	756069	42.847 ng		100
82) 3,3'-Dichlorobenzidine	21.64	252	134106	21.650 ng		98
83) Chrysene	21.80	228	735840	43.362 ng		99
84) Bis(2-ethylhexyl)phthalate	21.59	149	398920	44.032 ng	#	99
85) Di-n-octyl phthalate	22.82	149	683743	44.608 ng		100
86) Indeno(1,2,3-cd)pyrene	28.87	276	545133	27.076 ng	#	84
88) Benzo(b)fluoranthene	24.00	252	700718	44.959 ng		98
89) Benzo(k)fluoranthene	24.07	252	733090	47.480 ng		99
90) Benzo(a)pyrene	24.91	252	695975	47.283 ng		99
91) Dibenzo(a,h)anthracene	28.93	278	458200	30.920 ng		98
92) Benzo(g,h,i)perylene	30.07	276	371876	25.393 ng		98

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

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