Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061219\
Data File : BG041211.D
Acq On : 12 Jun 2019 18:12
Operator : HP/JU
Sample : SOIL-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SOIL-01

Manual Integrations APPROVED
mohammad
6/14/2019 8:36:51 AM

Quant Time: Jun 13 07:48:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 23:08:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	35266	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	148982	20.00	ng		0.00
39) Acenaphthene-d10	14.73	164	114462	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	282321	20.00	ng		0.00
76) Chrysene-d12	21.76	240	283188	20.00	ng		0.00
87) Perylene-d12	25.08	264	293811	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	274254	140.23	ng		0.00
7) Phenol-d6	7.25	99	410889	136.04	ng		0.00
23) Nitrobenzene-d5	9.28	82	280732	83.65	ng		0.00
42) 2,4,6-Tribromophenol	16.23	330	227663	133.98	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	681435	85.73	ng		0.00
79) Terphenyl-d14	20.07	244	1219831	91.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	27574	31.070	ng		89
3) Pyridine	3.91	79	80334	30.592	ng		98
4) n-Nitrosodimethylamine	3.83	42	47391	38.885	ng	#	94
6) Aniline	7.43	93	55738	13.825	ng		99
8) 2-Chlorophenol	7.67	128	103839	44.536	ng		95
9) Benzaldehyde	7.24	77	30072	16.690	ng		83
10) Phenol	7.28	94	140150	43.276	ng		97
11) bis(2-Chloroethyl)ether	7.52	93	86896	36.987	ng		97
12) 1,3-Dichlorobenzene	7.99	146	108499	38.961	ng		99
13) 1,4-Dichlorobenzene	8.14	146	114412	40.589	ng		96
14) 1,2-Dichlorobenzene	8.46	146	106434	38.888	ng		98
15) Benzyl Alcohol	8.34	79	112716	40.342	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.62	45	138630	36.111	ng		98
17) 2-Methylphenol	8.54	107	99397	42.390	ng		98
18) Hexachloroethane	9.19	117	42932	39.517	ng		98
19) n-Nitroso-di-n-propylamine	8.91	70	87692	37.727	ng		94
20) 3+4-Methylphenols	8.87	107	135908	41.843	ng		96
22) Acetophenone	8.93	105	170415	40.777	ng		97
24) Nitrobenzene	9.33	77	142599	41.696	ng		100
25) Isophorone	9.84	82	253587	39.706	ng		99
26) 2-Nitrophenol	10.03	139	64461	45.721	ng		94
27) 2,4-Dimethylphenol	10.08	122	110397	47.411	ng		94
28) bis(2-Chloroethoxy)methane	10.32	93	132131	38.332	ng		99
29) 2,4-Dichlorophenol	10.57	162	128298	43.389	ng		97
30) 1,2,4-Trichlorobenzene	10.78	180	139466	41.461	ng		94
31) Naphthalene	10.97	128	337531	42.197	ng		100
32) Benzoic acid	10.22	122	71714m	41.030	ng		
33) 4-Chloroaniline	11.09	127	41542	11.193	ng		99
34) Hexachlorobutadiene	11.24	225	100092	38.889	ng		96
35) Caprolactam	11.88	113	39908	40.870	ng		98
36) 4-Chloro-3-methylphenol	12.20	107	146221	43.299	ng		92
37) 2-Methylnaphthalene	12.57	142	258891	42.023	ng		96
38) 1-Methylnaphthalene	12.79	142	248142	42.743	ng	#	98
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	193772	42.002	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.89	237	216755	86.641	ng		97
43) 2,4,6-Trichlorophenol	13.17	196	126119	42.258	ng		97
44) 2,4,5-Trichlorophenol	13.25	196	136869	43.484	ng		99
46) 1,1'-Biphenyl	13.57	154	357669	42.214	ng		98
47) 2-Chloronaphthalene	13.62	162	296758	40.799	ng		99
48) 2-Nitroaniline	13.83	65	104645	40.103	ng		96
49) Acenaphthylene	14.46	152	468884	42.831	ng		99
50) Dimethylphthalate	14.19	163	388191	40.064	ng		99
51) 2,6-Dinitrotoluene	14.32	165	88086	42.165	ng		98
52) Acenaphthene	14.80	154	274648	41.414	ng		98
53) 3-Nitroaniline	14.65	138	42918	20.545	ng	#	90
54) 2,4-Dinitrophenol	14.86	184	80784	75.937	ng		95
55) Dibenzofuran	15.13	168	480365	43.047	ng		99
56) 4-Nitrophenol	14.95	139	122546	85.525	ng		97
57) 2,4-Dinitrotoluene	15.10	165	126341	42.813	ng	#	98
58) Fluorene	15.78	166	382915	43.088	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.35	232	137670	44.507	ng		99
60) Diethylphthalate	15.53	149	399380	40.390	ng		99
61) 4-Chlorophenyl-phenylether	15.77	204	237100	41.047	ng		96
62) 4-Nitroaniline	15.81	138	84659	38.280	ng		94
63) Azobenzene	16.06	77	371560	41.343	ng		98
65) 4,6-Dinitro-2-methylphenol	15.86	198	69112	46.098	ng		97
66) n-Nitrosodiphenylamine	15.98	169	343088	43.230	ng		99
67) 4-Bromophenyl-phenylether	16.66	248	154672	40.596	ng		97
68) Hexachlorobenzene	16.77	284	165630	40.825	ng		99
69) Atrazine	16.93	200	145099	47.382	ng		99
70) Pentachlorophenol	17.12	266	182514	83.765	ng		97
71) Phenanthrene	17.52	178	646729	43.978	ng		99
72) Anthracene	17.61	178	658230	45.383	ng		99
73) Carbazole	17.89	167	559091	44.926	ng		99
74) Di-n-butylphthalate	18.42	149	664722	42.976	ng		100
75) Fluoranthene	19.53	202	838087	46.140	ng		99
77) Benzidine	19.71	184	145056	21.472	ng		99
78) Pyrene	19.89	202	833837	45.295	ng		99
80) Butylbenzylphthalate	20.75	149	308633	43.081	ng		96
81) Benzo(a)anthracene	21.74	228	806544	42.786	ng		98
82) 3,3'-Dichlorobenzidine	21.65	252	136776	20.629	ng		94
83) Chrysene	21.80	228	784762	43.503	ng		99
84) Bis(2-ethylhexyl)phthalate	21.60	149	433867	43.021	ng		98
85) Di-n-octyl phthalate	22.84	149	731951	43.579	ng		100
86) Indeno(1,2,3-cd)pyrene	28.89	276	729086	32.993	ng	#	98
88) Benzo(b)fluoranthene	24.02	252	781183	43.836	ng		98
89) Benzo(k)fluoranthene	24.09	252	816115	46.279	ng		98
90) Benzo(a)pyrene	24.93	252	775204	45.594	ng	#	97
91) Dibenzo(a,h)anthracene	28.98	278	587567	34.586	ng		97
92) Benzo(g,h,i)perylene	30.11	276	534806	32.403	ng		96

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

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