Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062419\
Data File : BM021145.D
Acq On : 24 Jun 2019 13:03
Operator : HP/JU
Sample : K2241-02
Misc : LOQ-SOIL-20PPM
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 25 04:46:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM062019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 20 15:39:58 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2019

Manual Integrations APPROVED
mohammad
6/28/2019 8:25:57 AM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	265682	20.00	ng		0.00
21) Naphthalene-d8	10.56	136	1168954	20.00	ng		0.00
39) Acenaphthene-d10	14.41	164	808466	20.00	ng		-0.01
64) Phenanthrene-d10	17.16	188	2012587	20.00	ng		0.00
76) Chrysene-d12	21.35	240	1993232	20.00	ng		0.00
87) Perylene-d12	23.62	264	1762135	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	1149445	78.34	ng		0.00
7) Phenol-d6	6.95	99	1692704	79.22	ng		0.00
23) Nitrobenzene-d5	8.93	82	1085646	48.40	ng		-0.01
42) 2,4,6-Tribromophenol	15.91	330	1282715	84.55	ng		0.00
45) 2-Fluorobiphenyl	13.03	172	3213380	48.85	ng		-0.01
79) Terphenyl-d14	19.79	244	5977104	56.01	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.32	88	105172	19.025	ng		98
3) Pyridine	3.72	79	293565	18.467	ng		98
4) n-Nitrosodimethylamine	3.63	42	105215	17.190	ng	#	98
6) Aniline	7.11	93	479703	16.856	ng		98
8) 2-Chlorophenol	7.34	128	330240	18.288	ng		99
9) Benzaldehyde	6.93	77	284363	22.676	ng		98
10) Phenol	6.97	94	401179	18.378	ng		98
11) bis(2-Chloroethyl)ether	7.20	93	303163	17.542	ng		100
12) 1,3-Dichlorobenzene	7.66	146	379777	17.359	ng		99
13) 1,4-Dichlorobenzene	7.81	146	389481	17.510	ng		99
14) 1,2-Dichlorobenzene	8.12	146	381933	17.521	ng		99
15) Benzyl Alcohol	8.02	79	305284	17.646	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.30	45	402138	17.989	ng		100
17) 2-Methylphenol	8.21	107	281119	18.029	ng		99
18) Hexachloroethane	8.84	117	135307	16.942	ng		95
19) n-Nitroso-di-n-propylamine	8.58	70	287271	18.475	ng		98
20) 3+4-Methylphenols	8.54	107	391532	18.242	ng		99
22) Acetophenone	8.60	105	582111	19.542	ng		99
24) Nitrobenzene	8.97	77	414203	18.642	ng		98
25) Isophorone	9.50	82	792368	18.880	ng		100
26) 2-Nitrophenol	9.68	139	196751	18.085	ng		97
27) 2,4-Dimethylphenol	9.74	122	307852	19.401	ng		99
28) bis(2-Chloroethoxy)methane	9.98	93	468059	17.948	ng		100
29) 2,4-Dichlorophenol	10.21	162	374334	18.228	ng		98
30) 1,2,4-Trichlorobenzene	10.42	180	428292	17.692	ng		99
31) Naphthalene	10.61	128	1147733	18.553	ng		99
32) Benzoic acid	9.87	122	237451m	18.498	ng		
33) 4-Chloroaniline	10.73	127	505036	17.984	ng		98
34) Hexachlorobutadiene	10.88	225	261211	17.089	ng		99
35) Caprolactam	11.53	113	121010	18.839	ng		97
36) 4-Chloro-3-methylphenol	11.85	107	405072	19.384	ng		97
37) 2-Methylnaphthalene	12.22	142	920603	19.341	ng		99
38) 1-Methylnaphthalene	12.45	142	886197	19.520	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.59	216	566916	18.526	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.56	237	251429	14.174	ng	98
43) 2,4,6-Trichlorophenol	12.84	196	352488	17.408	ng	100
44) 2,4,5-Trichlorophenol	12.91	196	385470	18.383	ng	98
46) 1,1'-Biphenyl	13.25	154	1324367	19.140	ng	99
47) 2-Chloronaphthalene	13.29	162	979561	17.430	ng	99
48) 2-Nitroaniline	13.50	65	258500	16.814	ng	95
49) Acenaphthylene	14.13	152	1576720	18.436	ng	100
50) Dimethylphthalate	13.87	163	1299616	18.080	ng	100
51) 2,6-Dinitrotoluene	14.00	165	287363	18.583	ng	98
52) Acenaphthene	14.47	154	933910	18.099	ng	99
53) 3-Nitroaniline	14.33	138	266076	16.878	ng	96
54) 2,4-Dinitrophenol	14.54	184	126143	15.186	ng	97
55) Dibenzofuran	14.81	168	1583822	18.816	ng	99
56) 4-Nitrophenol	14.64	139	199967	16.588	ng	97
57) 2,4-Dinitrotoluene	14.79	165	390916	18.307	ng	99
58) Fluorene	15.46	166	1294105	18.816	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.04	232	383442	19.139	ng	100
60) Diethylphthalate	15.24	149	1304969	18.433	ng	99
61) 4-Chlorophenyl-phenylether	15.46	204	710233	18.279	ng	97
62) 4-Nitroaniline	15.50	138	278112	16.808	ng	98
63) Azobenzene	15.75	77	1097995	18.908	ng	98
65) 4,6-Dinitro-2-methylphenol	15.55	198	191986	15.471	ng	99
66) n-Nitrosodiphenylamine	15.67	169	1145065	18.051	ng	100
67) 4-Bromophenyl-phenylether	16.35	248	459233	17.141	ng	96
68) Hexachlorobenzene	16.46	284	547792	17.115	ng	99
69) Atrazine	16.63	200	392609	19.032	ng	98
70) Pentachlorophenol	16.81	266	300908	17.449	ng	99
71) Phenanthrene	17.20	178	2145946	18.501	ng	100
72) Anthracene	17.29	178	2141729	18.641	ng	100
73) Carbazole	17.57	167	1902263	18.725	ng	100
74) Di-n-butylphthalate	18.13	149	2238317	17.998	ng	100
75) Fluoranthene	19.22	202	2578873	19.254	ng	99
77) Benzidine	19.42	184	702710	12.141	ng	99
78) Pyrene	19.59	202	2661864	18.414	ng	100
80) Butylbenzylphthalate	20.49	149	1011846	17.561	ng	98
81) Benzo(a)anthracene	21.33	228	2426152	17.856	ng	99
82) 3,3'-Dichlorobenzidine	21.27	252	860665	16.724	ng	99
83) Chrysene	21.39	228	2393274	18.490	ng	100
84) Bis(2-ethylhexyl)phthalate	21.26	149	1506373	18.369	ng	99
85) Di-n-octyl phthalate	22.15	149	2385623	18.498	ng	100
86) Indeno(1,2,3-cd)pyrene	25.92	276	2205558	15.399	ng	100
88) Benzo(b)fluoranthene	22.94	252	2301885	19.363	ng	99
89) Benzo(k)fluoranthene	22.99	252	2209571	19.228	ng	100
90) Benzo(a)pyrene	23.53	252	2049224	19.104	ng	100
91) Dibenzo(a,h)anthracene	25.93	278	1868827	17.475	ng	100
92) Benzo(g,h,i)perylene	26.63	276	1801380	18.063	ng	99

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

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