Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092019\
Data File : BM022733.D
Acq On : 20 Sep 2019 19:43
Operator : HP/JU
Sample : K3591-01
Misc : LOD-MDL-S-5PPM
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2019

Manual Integrations APPROVED
mohammad
9/24/2019 8:34:49 AM

Quant Time: Sep 21 02:25:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM092019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 20 16:34:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	186359	20.00	ng		0.00
21) Naphthalene-d8	10.62	136	744549	20.00	ng		0.00
39) Acenaphthene-d10	14.46	164	421848	20.00	ng		0.00
64) Phenanthrene-d10	17.19	188	823053	20.00	ng		0.00
76) Chrysene-d12	21.37	240	772049	20.00	ng		-0.01
87) Perylene-d12	23.64	264	804622	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1400644	119.20	ng		0.00
7) Phenol-d6	6.99	99	1781923	118.07	ng		0.00
23) Nitrobenzene-d5	8.97	82	1049947	78.28	ng		0.00
42) 2,4,6-Tribromophenol	15.94	330	631165	119.85	ng		0.00
45) 2-Fluorobiphenyl	13.08	172	2420336	79.01	ng		0.00
79) Terphenyl-d14	19.82	244	3227908	80.96	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.32	88	24884	5.263	ng	#	100
3) Pyridine	3.75	79	52185	4.187	ng		96
4) n-Nitrosodimethylamine	3.64	42	18168	4.004	ng	#	86
6) Aniline	7.15	93	87296	4.824	ng		99
8) 2-Chlorophenol	7.39	128	60654	5.066	ng		97
9) Benzaldehyde	6.96	77	53589	6.236	ng		99
10) Phenol	7.01	94	71955	5.064	ng		89
11) bis(2-Chloroethyl)ether	7.25	93	54104	4.847	ng		99
12) 1,3-Dichlorobenzene	7.72	146	68727	4.803	ng		99
13) 1,4-Dichlorobenzene	7.86	146	70060	4.836	ng		99
14) 1,2-Dichlorobenzene	8.17	146	66281	4.799	ng		99
15) Benzyl Alcohol	8.06	79	43737	4.631	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.36	45	78525	4.842	ng		99
17) 2-Methylphenol	8.26	107	42626	4.532	ng		99
18) Hexachloroethane	8.90	117	24515	4.614	ng		96
19) n-Nitroso-di-n-propylamine	8.63	70	38967	4.624	ng		98
20) 3+4-Methylphenols	8.59	107	55690	4.446	ng		99
22) Acetophenone	8.65	105	86336	4.698	ng	#	98
24) Nitrobenzene	9.02	77	67594	5.267	ng		98
25) Isophorone	9.55	82	99308	4.503	ng		99
26) 2-Nitrophenol	9.73	139	20327	3.669	ng		98
27) 2,4-Dimethylphenol	9.79	122	47497	5.121	ng		98
28) bis(2-Chloroethoxy)methane	10.03	93	70673	4.631	ng		99
29) 2,4-Dichlorophenol	10.26	162	43331	4.132	ng		100
30) 1,2,4-Trichlorobenzene	10.48	180	60674	4.703	ng		99
31) Naphthalene	10.66	128	183563	4.990	ng		100
32) Benzoic acid	9.84	122	12506m	2.095	ng		
33) 4-Chloroaniline	10.77	127	72555	4.542	ng		98
34) Hexachlorobutadiene	10.96	225	34784	4.523	ng		99
35) Caprolactam	11.55	113	9957m	3.203	ng		
36) 4-Chloro-3-methylphenol	11.89	107	42711	4.175	ng		99
37) 2-Methylnaphthalene	12.28	142	125779	4.912	ng		99
38) 1-Methylnaphthalene	12.50	142	116268	4.783	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.65	216	62851	4.397	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.64	237	33593	4.307	ng		99
43) 2,4,6-Trichlorophenol	12.89	196	31189	3.781	ng		97
44) 2,4,5-Trichlorophenol	12.96	196	35781	4.162	ng		98
46) 1,1'-Biphenyl	13.29	154	160887	4.608	ng		99
47) 2-Chloronaphthalene	13.33	162	123429	4.743	ng		100
48) 2-Nitroaniline	13.53	65	23346	3.445	ng		95
49) Acenaphthylene	14.18	152	172767	4.483	ng		99
50) Dimethylphthalate	13.91	163	138327	4.537	ng		100
51) 2,6-Dinitrotoluene	14.02	165	24661	3.867	ng		90
52) Acenaphthene	14.52	154	118107	4.685	ng		99
53) 3-Nitroaniline	14.35	138	24434	3.328	ng	#	95
54) 2,4-Dinitrophenol	14.56	184	7347	2.440	ng		98
55) Dibenzofuran	14.86	168	185187	5.032	ng		99
56) 4-Nitrophenol	14.65	139	17622	3.123	ng		95
57) 2,4-Dinitrotoluene	14.81	165	27214	3.258	ng		90
58) Fluorene	15.50	166	140902	4.711	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.08	232	29143	3.887	ng		100
60) Diethylphthalate	15.27	149	126668	4.273	ng		100
61) 4-Chlorophenyl-phenylether	15.50	204	71300	4.640	ng		95
62) 4-Nitroaniline	15.51	138	24741	3.215	ng		93
63) Azobenzene	15.79	77	112814	4.214	ng		99
65) 4,6-Dinitro-2-methylphenol	15.57	198	12032	3.121	ng		96
66) n-Nitrosodiphenylamine	15.71	169	115054	4.576	ng		100
67) 4-Bromophenyl-phenylether	16.39	248	39768	4.344	ng		98
68) Hexachlorobenzene	16.51	284	48083	4.504	ng		99
69) Atrazine	16.66	200	30800	3.768	ng		97
70) Pentachlorophenol	16.84	266	18623	3.271	ng		95
71) Phenanthrene	17.23	178	224597	4.836	ng		100
72) Anthracene	17.33	178	202652	4.502	ng		99
73) Carbazole	17.59	167	180536	4.310	ng		99
74) Di-n-butylphthalate	18.16	149	161450	3.400	ng		100
75) Fluoranthene	19.25	202	228162	4.354	ng		98
77) Benzidine	19.43	184	71287	3.366	ng		99
78) Pyrene	19.61	202	243105	4.805	ng		100
80) Butylbenzylphthalate	20.51	149	59605	3.100	ng		93
81) Benzo(a)anthracene	21.36	228	228541	4.567	ng		98
82) 3,3'-Dichlorobenzidine	21.29	252	68605	3.866	ng		99
83) Chrysene	21.40	228	234827	4.841	ng		99
84) Bis(2-ethylhexyl)phthalate	21.29	149	86053	3.020	ng		97
85) Di-n-octyl phthalate	22.18	149	126197	2.779	ng	#	95
86) Indeno(1,2,3-cd)pyrene	25.94	276	246780	4.262	ng	#	100
88) Benzo(b)fluoranthene	22.96	252	226829	4.656	ng		98
89) Benzo(k)fluoranthene	23.00	252	213437	4.415	ng		98
90) Benzo(a)pyrene	23.54	252	201378	4.486	ng		99
91) Dibenzo(a,h)anthracene	25.96	278	209674	4.465	ng		98
92) Benzo(g,h,i)perylene	26.65	276	203149	4.555	ng		99

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

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