Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012420\
Data File : BM024621.D
Acq On : 24 Jan 2020 15:31
Operator : CG/JU
Sample : K5111-02
Misc : 10 PPM LOO
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT4-2019

Manual Integrations APPROVED
mohammad
1/28/2020 8:13:13 AM

Quant Time: Jan 24 17:11:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM012320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 23 14:57:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	216341	20.00	ng		0.00
21) Naphthalene-d8	10.20	136	894152	20.00	ng		0.00
39) Acenaphthene-d10	14.09	164	635176	20.00	ng		0.00
64) Phenanthrene-d10	16.84	188	1457373	20.00	ng		0.00
76) Chrysene-d12	21.05	240	1536762	20.00	ng		0.00
87) Perylene-d12	23.16	264	1717032	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.08	112	1508129	132.57	ng		0.00
7) Phenol-d6	6.64	99	1991166	127.06	ng		0.00
23) Nitrobenzene-d5	8.58	82	1326729	72.77	ng		0.00
42) 2,4,6-Tribromophenol	15.59	330	1299125	125.74	ng		0.00
45) 2-Fluorobiphenyl	12.70	172	3317248	71.00	ng		0.00
79) Terphenyl-d14	19.50	244	6658752	80.89	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.08	88	48737	10.831	ng		100
3) Pyridine	3.46	79	143015	10.963	ng		94
4) n-Nitrosodimethylamine	3.37	42	55944	9.662	ng	#	96
6) Aniline	6.78	93	190537	9.988	ng		96
8) 2-Chlorophenol	7.02	128	127428	9.840	ng		96
9) Benzaldehyde	6.59	77	87050m	9.401	ng		
10) Phenol	6.66	94	154496	9.890	ng		97
11) bis(2-Chloroethyl)ether	6.89	93	125521	10.037	ng		98
12) 1,3-Dichlorobenzene	7.33	146	161587	10.157	ng		100
13) 1,4-Dichlorobenzene	7.47	146	159083	9.857	ng		98
14) 1,2-Dichlorobenzene	7.79	146	156537	10.048	ng		98
15) Benzyl Alcohol	7.68	79	127185	9.844	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.97	45	118766	10.374	ng		97
17) 2-Methylphenol	7.89	107	107106	9.730	ng		99
18) Hexachloroethane	8.50	117	62187	9.978	ng		97
19) n-Nitroso-di-n-propylamine	8.25	70	117116	9.954	ng		96
20) 3+4-Methylphenols	8.22	107	143523	9.419	ng		99
22) Acetophenone	8.25	105	225558	9.783	ng		96
24) Nitrobenzene	8.62	77	179224	10.258	ng		99
25) Isophorone	9.15	82	300321	9.694	ng		99
26) 2-Nitrophenol	9.33	139	68620	8.482	ng		98
27) 2,4-Dimethylphenol	9.40	122	101778	9.258	ng		99
28) bis(2-Chloroethoxy)methane	9.64	93	185593	9.807	ng		97
29) 2,4-Dichlorophenol	9.86	162	134598	9.062	ng		97
30) 1,2,4-Trichlorobenzene	10.07	180	172207	9.613	ng		96
31) Naphthalene	10.25	128	433864	9.607	ng		99
32) Benzoic acid	9.50	122	80202m	7.975	ng		
33) 4-Chloroaniline	10.36	127	183781	9.284	ng		98
34) Hexachlorobutadiene	10.56	225	120014	9.691	ng		97
35) Caprolactam	11.13	113	42534	8.926	ng		96
36) 4-Chloro-3-methylphenol	11.50	107	142913	9.048	ng		98
37) 2-Methylnaphthalene	11.87	142	328244	9.418	ng		99
38) 1-Methylnaphthalene	12.10	142	317789	9.586	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.26	216	214240	9.451	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.25	237	113528	8.935 ng	99
43) 2,4,6-Trichlorophenol	12.50	196	126663	8.780 ng	97
44) 2,4,5-Trichlorophenol	12.57	196	129112	8.764 ng	99
46) 1,1'-Biphenyl	12.92	154	461295	9.597 ng	99
47) 2-Chloronaphthalene	12.95	162	373713	9.630 ng	99
48) 2-Nitroaniline	13.16	65	105107	8.881 ng	98
49) Acenaphthylene	13.80	152	548321	9.439 ng	100
50) Dimethylphthalate	13.56	163	491224	9.564 ng	100
51) 2,6-Dinitrotoluene	13.67	165	98815	9.049 ng	98
52) Acenaphthene	14.15	154	342295	9.495 ng	99
53) 3-Nitroaniline	13.99	138	101975	9.004 ng	94
54) 2,4-Dinitrophenol	14.20	184	43910	6.724 ng	89
55) Dibenzofuran	14.49	168	559193	9.512 ng	99
56) 4-Nitrophenol	14.32	139	72282	8.164 ng	95
57) 2,4-Dinitrotoluene	14.46	165	138319	8.838 ng	99
58) Fluorene	15.15	166	456763	9.245 ng	98
59) 2,3,4,6-Tetrachlorophenol	14.73	232	134726	9.018 ng	99
60) Diethylphthalate	14.95	149	486677	9.333 ng	99
61) 4-Chlorophenyl-phenylether	15.15	204	263121	9.238 ng	98
62) 4-Nitroaniline	15.16	138	106681	8.533 ng	93
63) Azobenzene	15.45	77	422422	9.497 ng	98
65) 4,6-Dinitro-2-methylphenol	15.23	198	64877	7.571 ng	99
66) n-Nitrosodiphenylamine	15.37	169	397737	9.501 ng	100
67) 4-Bromophenyl-phenylether	16.05	248	168347	9.289 ng	98
68) Hexachlorobenzene	16.16	284	196751	9.460 ng	96
69) Atrazine	16.33	200	143047	8.902 ng	97
70) Pentachlorophenol	16.50	266	105827	8.354 ng	98
71) Phenanthrene	16.88	178	752663	9.537 ng	99
72) Anthracene	16.97	178	727757	9.424 ng	99
73) Carbazole	17.24	167	656511	9.339 ng	98
74) Di-n-butylphthalate	17.84	149	805573	8.964 ng	99
75) Fluoranthene	18.91	202	922337	9.364 ng	98
77) Benzidine	19.10	184	316796	8.852 ng	99
78) Pyrene	19.27	202	958730	9.463 ng	99
80) Butylbenzylphthalate	20.21	149	357849	8.418 ng	96
81) Benzo(a)anthracene	21.03	228	1023855	9.599 ng	99
82) 3,3'-Dichlorobenzidine	20.97	252	339532	8.849 ng	98
83) Chrysene	21.09	228	986146	9.689 ng	98
84) Bis(2-ethylhexyl)phthalate	21.01	149	534396	8.520 ng	99
85) Di-n-octyl phthalate	21.86	149	870006	8.395 ng	99
86) Indeno(1,2,3-cd)pyrene	25.22	276	1040544	9.380 ng	99
88) Benzo(b)fluoranthene	22.54	252	992501	8.912 ng	100
89) Benzo(k)fluoranthene	22.58	252	1026169	9.440 ng	99
90) Benzo(a)pyrene	23.07	252	915015	9.037 ng	99
91) Dibenzo(a,h)anthracene	25.23	278	870908	9.063 ng	99
92) Benzo(g,h,i)perylene	25.84	276	796463	9.128 ng	99

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

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