Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061920\
Data File : BM026466.D
Acq On : 19 Jun 2020 14:37
Operator : JU/CG
Sample : L1161-02
Misc : LOO--S-10PPM
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2020

Manual Integrations APPROVED
mohammad
6/22/2020 3:23:17 PM

Quant Time: Jun 20 06:25:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 19 10:44:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	101004	20.00	ng		0.00
21) Naphthalene-d8	10.15	136	431330	20.00	ng		0.00
39) Acenaphthene-d10	14.05	164	292679	20.00	ng		0.00
64) Phenanthrene-d10	16.80	188	660833	20.00	ng		0.00
76) Chrysene-d12	21.02	240	643265	20.00	ng		0.00
86) Perylene-d12	23.10	264	595884	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.02	112	806058	141.10	ng		0.00
7) Phenol-d6	6.60	99	1185977	143.37	ng		0.00
23) Nitrobenzene-d5	8.54	82	888253	101.11	ng		0.00
42) 2,4,6-Tribromophenol	15.55	330	599501	169.09	ng		0.00
45) 2-Fluorobiphenyl	12.66	172	1973429	102.35	ng		0.00
79) Terphenyl-d14	19.46	244	3382959	102.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.00	88	24902	9.668	ng		98
3) Pyridine	3.40	79	59771	7.901	ng	#	90
4) n-Nitrosodimethylamine	3.32	42	35971	9.604	ng		87
6) Aniline	6.73	93	98652	9.092	ng		97
8) 2-Chlorophenol	6.96	128	60682	9.209	ng		97
9) Benzaldehyde	6.55	77	57691	10.937	ng		90
10) Phenol	6.62	94	79698	9.047	ng		94
11) bis(2-Chloroethyl)ether	6.84	93	63769	8.987	ng		94
12) 1,3-Dichlorobenzene	7.27	146	65979	9.044	ng		99
13) 1,4-Dichlorobenzene	7.42	146	66602	8.963	ng		99
14) 1,2-Dichlorobenzene	7.73	146	64544	8.892	ng		99
15) Benzyl Alcohol	7.64	79	60169	8.565	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.93	45	125652	9.482	ng		98
17) 2-Methylphenol	7.85	107	52028	8.080	ng		97
18) Hexachloroethane	8.44	117	25937	9.216	ng		89
19) n-Nitroso-di-n-propylamine	8.20	70	61608	9.557	ng		98
20) 3+4-Methylphenols	8.17	107	71464	8.143	ng		96
22) Acetophenone	8.21	105	109012	9.829	ng		95
24) Nitrobenzene	8.58	77	90468	9.838	ng		99
25) Isophorone	9.10	82	158461	9.602	ng		99
26) 2-Nitrophenol	9.28	139	30577	8.402	ng		89
27) 2,4-Dimethylphenol	9.36	122	47622	8.289	ng		99
28) bis(2-Chloroethoxy)methane	9.59	93	92622	9.892	ng		99
29) 2,4-Dichlorophenol	9.82	162	56272	8.927	ng		97
30) 1,2,4-Trichlorobenzene	10.02	180	66167	9.572	ng		99
31) Naphthalene	10.20	128	206477	9.499	ng		98
32) Benzoic acid	9.47	122	20085m	4.705	ng		
33) 4-Chloroaniline	10.33	127	82301	8.681	ng		98
34) Hexachlorobutadiene	10.49	225	40425	9.263	ng		98
35) Caprolactam	11.10	113	22587	10.199	ng	#	89
36) 4-Chloro-3-methylphenol	11.46	107	70021	9.116	ng		99
37) 2-Methylnaphthalene	11.82	142	152804	9.865	ng		95
38) 1-Methylnaphthalene	12.05	142	147276	10.037	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.20	216	83494	10.022	ng		98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 19 10:44:58 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.18	237	37471	7.632	ng		99
43) 2,4,6-Trichlorophenol	12.46	196	49576	8.791	ng		94
44) 2,4,5-Trichlorophenol	12.54	196	53698	8.204	ng		99
46) 1,1'-Biphenyl	12.87	154	212177	10.340	ng		98
47) 2-Chloronaphthalene	12.90	162	153834	9.230	ng		98
48) 2-Nitroaniline	13.12	65	54337	8.226	ng		96
49) Acenaphthylene	13.76	152	251644	9.440	ng		99
50) Dimethylphthalate	13.52	163	206012	9.623	ng		99
51) 2,6-Dinitrotoluene	13.63	165	43743	9.312	ng		89
52) Acenaphthene	14.11	154	149777	9.359	ng		99
53) 3-Nitroaniline	13.97	138	38024	7.269	ng		96
54) 2,4-Dinitrophenol	14.19	184	36216	12.685	ng		95
55) Dibenzofuran	14.45	168	246258	9.550	ng		100
56) 4-Nitrophenol	14.31	139	26495	6.387	ng		98
57) 2,4-Dinitrotoluene	14.44	165	57475	8.800	ng	#	87
58) Fluorene	15.10	166	201757	9.633	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.69	232	50215	8.969	ng		98
60) Diethylphthalate	14.90	149	211000	9.677	ng		98
61) 4-Chlorophenyl-phenylether	15.11	204	104110	9.372	ng		98
62) 4-Nitroaniline	15.14	138	37624m	6.744	ng		
63) Azobenzene	15.40	77	233400	9.783	ng		98
65) 4,6-Dinitro-2-methylphenol	15.21	198	29156	7.255	ng		90
66) n-Nitrosodiphenylamine	15.33	169	176092	9.198	ng		98
67) 4-Bromophenyl-phenylether	16.00	248	64272	8.835	ng		98
68) Hexachlorobenzene	16.12	284	72816	9.592	ng		97
69) Atrazine	16.30	200	61586	10.768	ng		96
70) Pentachlorophenol	16.47	266	30918	6.764	ng		100
71) Phenanthrene	16.84	178	326160	9.478	ng		99
72) Anthracene	16.93	178	320591	9.334	ng		100
73) Carbazole	17.22	167	281674	8.648	ng		98
74) Di-n-butylphthalate	17.80	149	347289	9.042	ng		98
75) Fluoranthene	18.87	202	382183	9.687	ng		99
77) Benzidine	19.07	184	118813	8.892	ng		98
78) Pyrene	19.23	202	396319	9.325	ng		99
80) Butylbenzylphthalate	20.17	149	150265	8.743	ng		99
81) Benzo(a)anthracene	21.00	228	384081	9.947	ng		100
82) 3,3'-Dichlorobenzidine	20.94	252	132849	11.121	ng		100
83) Chrysene	21.05	228	362135	9.842	ng		99
84) Bis(2-ethylhexyl)phthalate	20.96	149	232515	9.488	ng		100
85) Di-n-octyl phthalate	21.81	149	368793	9.755	ng		97
87) Indeno(1,2,3-cd)pyrene	25.14	276	305833	8.872	ng		100
88) Benzo(b)fluoranthene	22.49	252	345565	9.640	ng		100
89) Benzo(k)fluoranthene	22.53	252	338963	9.733	ng		98
90) Benzo(a)pyrene	23.02	252	288959	9.076	ng		99
91) Dibenzo(a,h)anthracene	25.15	278	258909	8.997	ng		99
92) Benzo(g,h,i)perylene	25.76	276	253402	9.254	ng		98

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

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