Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061520\
Data File : BF120620.D
Acq On : 15 Jun 2020 14:51
Operator : JU/CG
Sample : L2182-03
Misc : MDL-MDL-SOIL-8PPM
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT2-2020

Manual Integrations APPROVED
mohammad
6/16/2020 11:06:49 AM

Quant Time: Jun 15 15:27:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 11 11:28:22 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	160683	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	592418	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	311534	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	598492	20.00	ng		0.00
76) Chrysene-d12	13.95	240	489403	20.00	ng		-0.01
86) Perylene-d12	15.39	264	546454	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	1342239	143.21	ng		0.00
7) Phenol-d6	6.43	99	1701014	145.72	ng		0.00
23) Nitrobenzene-d5	7.36	82	1077438	101.66	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	541308	149.45	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	1939460	95.25	ng		0.00
79) Terphenyl-d14	12.90	244	2224590	100.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	33962	7.646	ng		99
3) Pyridine	3.28	79	68885	5.516	ng		96
4) n-Nitrosodimethylamine	3.15	42	37149	7.169	ng		93
6) Aniline	6.46	93	125843	8.424	ng		97
8) 2-Chlorophenol	6.58	128	82992	7.836	ng		93
9) Benzaldehyde	6.35	77	69563	9.422	ng		98
10) Phenol	6.45	94	107591	8.639	ng		93
11) bis(2-Chloroethyl)ether	6.53	93	81751	7.880	ng		97
12) 1,3-Dichlorobenzene	6.74	146	93137	8.272	ng		100
13) 1,4-Dichlorobenzene	6.82	146	94236	8.483	ng		99
14) 1,2-Dichlorobenzene	6.97	146	86847	8.025	ng		99
15) Benzyl Alcohol	6.93	79	76443	9.234	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	120103	8.041	ng		99
17) 2-Methylphenol	7.05	107	68838	7.621	ng		98
18) Hexachloroethane	7.31	117	33163	8.102	ng		96
19) n-Nitroso-di-n-propylamine	7.20	70	58412	8.627	ng		98
20) 3+4-Methylphenols	7.20	107	86700	7.681	ng	#	74
22) Acetophenone	7.20	105	123989	9.362	ng		95
24) Nitrobenzene	7.38	77	89867	8.103	ng		98
25) Isophorone	7.61	82	158924	7.698	ng		94
26) 2-Nitrophenol	7.69	139	41115	7.007	ng		98
27) 2,4-Dimethylphenol	7.73	122	58730	6.798	ng		98
28) bis(2-Chloroethoxy)methane	7.83	93	101724	8.500	ng		100
29) 2,4-Dichlorophenol	7.93	162	68276	7.775	ng		98
30) 1,2,4-Trichlorobenzene	8.02	180	78991	8.117	ng		98
31) Naphthalene	8.10	128	257874	8.865	ng		100
32) Benzoic acid	7.80	122	25298m	3.817	ng		
33) 4-Chloroaniline	8.15	127	103703	7.767	ng		98
34) Hexachlorobutadiene	8.22	225	46297	8.161	ng		99
35) Caprolactam	8.48	113	22320	7.947	ng		91
36) 4-Chloro-3-methylphenol	8.63	107	69788	7.954	ng		98
37) 2-Methylnaphthalene	8.79	142	170961	9.003	ng		99
38) 1-Methylnaphthalene	8.89	142	162423	9.090	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	81344	8.745	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	29168	5.596	ng		98
43) 2,4,6-Trichlorophenol	9.07	196	49153	7.449	ng		99
44) 2,4,5-Trichlorophenol	9.11	196	51212	6.841	ng		98
46) 1,1'-Biphenyl	9.25	154	221215	9.509	ng		97
47) 2-Chloronaphthalene	9.28	162	160753	8.451	ng		98
48) 2-Nitroaniline	9.37	65	43010	7.199	ng		96
49) Acenaphthylene	9.69	152	257743	8.779	ng		97
50) Dimethylphthalate	9.55	163	181197	8.076	ng		99
51) 2,6-Dinitrotoluene	9.61	165	39225	7.714	ng		98
52) Acenaphthene	9.86	154	150895m	8.618	ng		
53) 3-Nitroaniline	9.78	138	42372	6.938	ng		93
54) 2,4-Dinitrophenol	9.89	184	10822	3.970	ng	#	87
55) Dibenzofuran	10.03	168	238742	8.893	ng		99
56) 4-Nitrophenol	9.94	139	28557	6.208	ng		98
57) 2,4-Dinitrotoluene	10.02	165	49556	7.345	ng		97
58) Fluorene	10.37	166	180782	8.735	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.15	232	44727	7.594	ng		98
60) Diethylphthalate	10.25	149	182531	8.260	ng		99
61) 4-Chlorophenyl-phenylether	10.37	204	90891	8.504	ng		97
62) 4-Nitroaniline	10.39	138	42338	6.983	ng		98
63) Azobenzene	10.53	77	174972	8.723	ng		98
65) 4,6-Dinitro-2-methylphenol	10.42	198	19904	5.542	ng		99
66) n-Nitrosodiphenylamine	10.49	169	159209	8.662	ng		99
67) 4-Bromophenyl-phenylether	10.86	248	55002	8.098	ng		96
68) Hexachlorobenzene	10.93	284	62086	8.502	ng	#	90
69) Atrazine	11.01	200	52208	9.180	ng		98
70) Pentachlorophenol	11.12	266	21918	5.398	ng		95
71) Phenanthrene	11.34	178	264002	8.874	ng		99
72) Anthracene	11.39	178	271016	9.037	ng		98
73) Carbazole	11.55	167	246227	8.295	ng		99
74) Di-n-butylphthalate	11.87	149	291383	8.731	ng		99
75) Fluoranthene	12.52	202	291650	8.574	ng		98
77) Benzidine	12.64	184	141211	8.532	ng	#	95
78) Pyrene	12.75	202	300561	8.669	ng		98
80) Butylbenzylphthalate	13.37	149	117504	7.633	ng		95
81) Benzo(a)anthracene	13.94	228	271928	9.248	ng		98
82) 3,3'-Dichlorobenzidine	13.90	252	107024	9.529	ng		100
83) Chrysene	13.97	228	268661	8.908	ng		97
84) Bis(2-ethylhexyl)phthalate	13.93	149	170274	9.063	ng		100
85) Di-n-octyl phthalate	14.54	149	290386	8.098	ng		99
87) Indeno(1,2,3-cd)pyrene	16.79	276	294230	8.852	ng		99
88) Benzo(b)fluoranthene	14.97	252	274408	8.430	ng		99
89) Benzo(k)fluoranthene	15.00	252	246281	8.550	ng		99
90) Benzo(a)pyrene	15.32	252	232705	7.988	ng		99
91) Dibenzo(a,h)anthracene	16.81	278	248675	9.329	ng		99
92) Benzo(g,h,i)perylene	17.22	276	250227	9.313	ng		99

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

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