Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070620\
Data File : BF120770.D
Acq On : 6 Jul 2020 11:05
Operator : JU/CG
Sample : L2182-01
Misc : LOD-MDL-SOIL-01-4PPM
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

Manual Integrations APPROVED
Sohil
7/7/2020 8:20:48 AM

Quant Time: Jul 06 13:46:36 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 06 13:16:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	136248	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	514204	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	255323	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	464300	20.00	ng		0.00
76) Chrysene-d12	14.00	240	361271	20.00	ng		0.00
86) Perylene-d12	15.46	264	311411	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	986507	111.77	ng		0.00
7) Phenol-d6	6.47	99	1204149	106.83	ng		0.00
23) Nitrobenzene-d5	7.41	82	1016102	114.49	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	302442	117.91	ng		0.00
45) 2-Fluorobiphenyl	9.21	172	1756138	104.06	ng		0.00
79) Terphenyl-d14	12.96	244	1747054	94.68	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	15616	3.873	ng		99
3) Pyridine	3.40	79	33605	3.043	ng		97
4) n-Nitrosodimethylamine	3.27	42	20686m	3.744	ng		
6) Aniline	6.51	93	55717	3.849	ng		99
8) 2-Chlorophenol	6.63	128	35689	3.798	ng		88
9) Benzaldehyde	6.40	77	30051	4.483	ng		99
10) Phenol	6.48	94	45832	3.953	ng		86
11) bis(2-Chloroethyl)ether	6.58	93	35528	3.765	ng		98
12) 1,3-Dichlorobenzene	6.79	146	39997	3.867	ng		95
13) 1,4-Dichlorobenzene	6.86	146	39053	3.770	ng		99
14) 1,2-Dichlorobenzene	7.02	146	37250	3.779	ng		97
15) Benzyl Alcohol	6.98	79	29507	3.484	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.12	45	54732	3.719	ng		99
17) 2-Methylphenol	7.09	107	28083	3.341	ng		96
18) Hexachloroethane	7.36	117	14517	3.728	ng		99
19) n-Nitroso-di-n-propylamine	7.25	70	25222	3.716	ng		90
20) 3+4-Methylphenols	7.24	107	36046	3.481	ng		94
22) Acetophenone	7.25	105	53594	4.193	ng		95
24) Nitrobenzene	7.43	77	42162	4.231	ng		100
25) Isophorone	7.66	82	67630	3.533	ng		97
26) 2-Nitrophenol	7.74	139	8316	2.283	ng	#	86
27) 2,4-Dimethylphenol	7.77	122	29784	3.898	ng		99
28) bis(2-Chloroethoxy)methane	7.87	93	42293	3.734	ng		98
29) 2,4-Dichlorophenol	7.98	162	24621	3.228	ng		96
30) 1,2,4-Trichlorobenzene	8.07	180	29476	3.441	ng		94
31) Naphthalene	8.15	128	107224	3.902	ng		98
32) Benzoic acid	7.82	122	6048	1.463	ng		92
33) 4-Chloroaniline	8.20	127	40009	3.431	ng		97
34) Hexachlorobutadiene	8.27	225	16475	3.197	ng		99
35) Caprolactam	8.52	113	7306	3.287	ng		91
36) 4-Chloro-3-methylphenol	8.66	107	26170	3.298	ng		96
37) 2-Methylnaphthalene	8.84	142	67257	3.765	ng		96
38) 1-Methylnaphthalene	8.94	142	63915m	3.820	ng		
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	28820	3.735	ng	#	97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	14417	3.162	ng		97
43) 2,4,6-Trichlorophenol	9.12	196	14929	2.839	ng		94
44) 2,4,5-Trichlorophenol	9.15	196	16805	2.880	ng		96
46) 1,1'-Biphenyl	9.30	154	90324	4.386	ng		96
47) 2-Chloronaphthalene	9.33	162	59541	3.609	ng		98
48) 2-Nitroaniline	9.42	65	11490	2.603	ng	#	83
49) Acenaphthylene	9.75	152	94473	3.652	ng		98
50) Dimethylphthalate	9.60	163	66977	3.596	ng		99
51) 2,6-Dinitrotoluene	9.66	165	9576	2.846	ng	#	80
52) Acenaphthene	9.92	154	58229	3.629	ng		97
53) 3-Nitroaniline	9.82	138	11490	2.764	ng	#	90
54) 2,4-Dinitrophenol	9.93	184	1000	0.900	ng	#	1
55) Dibenzofuran	10.09	168	87259	3.772	ng		98
56) 4-Nitrophenol	9.97	139	6758	2.213	ng	#	76
57) 2,4-Dinitrotoluene	10.06	165	9532	2.360	ng	#	87
58) Fluorene	10.43	166	65858	3.825	ng		96
59) 2,3,4,6-Tetrachlorophenol	10.20	232	12495	2.877	ng	#	82
60) Diethylphthalate	10.30	149	66491	3.427	ng		99
61) 4-Chlorophenyl-phenylether	10.43	204	31280	3.614	ng		97
62) 4-Nitroaniline	10.43	138	10955	2.768	ng		97
63) Azobenzene	10.59	77	74748	3.766	ng		96
65) 4,6-Dinitro-2-methylphenol	10.46	198	1950	1.307	ng		86
66) n-Nitrosodiphenylamine	10.54	169	54059	3.474	ng		98
67) 4-Bromophenyl-phenylether	10.92	248	16653	3.092	ng		91
68) Hexachlorobenzene	10.97	284	17999	3.185	ng	#	84
69) Atrazine	11.06	200	16549	4.128	ng		96
70) Pentachlorophenol	11.17	266	6780	2.120	ng		93
71) Phenanthrene	11.39	178	94036	3.733	ng		98
72) Anthracene	11.44	178	92696	3.641	ng		98
73) Carbazole	11.59	167	84504	3.454	ng		98
74) Di-n-butylphthalate	11.93	149	92958	3.069	ng		99
75) Fluoranthene	12.57	202	92783	3.457	ng		98
77) Benzidine	12.70	184	38657	3.791	ng	#	94
78) Pyrene	12.80	202	97758	3.388	ng		99
80) Butylbenzylphthalate	13.43	149	28825	2.314	ng		90
81) Benzo(a)anthracene	13.99	228	85331	3.685	ng		99
82) 3,3'-Dichlorobenzidine	13.96	252	25229	3.228	ng	#	96
83) Chrysene	14.03	228	78538	3.325	ng		99
84) Bis(2-ethylhexyl)phthalate	14.00	149	52916	3.239	ng		99
85) Di-n-octyl phthalate	14.61	149	65330	2.261	ng	#	94
87) Indeno(1,2,3-cd)pyrene	16.90	276	57851	2.896	ng		95
88) Benzo(b)fluoranthene	15.04	252	64851	3.168	ng		98
89) Benzo(k)fluoranthene	15.06	252	66723m	3.349	ng		
90) Benzo(a)pyrene	15.40	252	55685	3.049	ng		98
91) Dibenzo(a,h)anthracene	16.93	278	49603	2.980	ng		98
92) Benzo(g,h,i)perylene	17.33	276	47479	3.121	ng		98

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

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