Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061120\
Data File : BF120600.D
Acq On : 11 Jun 2020 14:01
Operator : JU/CG
Sample : L1161-01
Misc : LOD-MDL-SOIL-8PPM
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

Manual Integrations APPROVED
mohammad
6/15/2020 8:42:47 AM

Quant Time: Jun 11 14:35:59 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 14:06:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	143890	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	526893	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	274027	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	525190	20.00	ng		0.00
76) Chrysene-d12	13.96	240	424206	20.00	ng		0.00
86) Perylene-d12	15.39	264	485365	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	1232699	146.88	ng		0.00
7) Phenol-d6	6.44	99	1542792	147.59	ng		0.00
23) Nitrobenzene-d5	7.36	82	986018	104.60	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	473894	148.75	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	1755810	98.03	ng		0.00
79) Terphenyl-d14	12.91	244	1961275	102.13	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	30481	7.663	ng		99
3) Pyridine	3.27	79	61893	5.535	ng		94
4) n-Nitrosodimethylamine	3.15	42	34722	7.482	ng	#	96
6) Aniline	6.46	93	112121	8.381	ng		98
8) 2-Chlorophenol	6.59	128	74966	7.904	ng		98
9) Benzaldehyde	6.35	77	64347	9.732	ng		99
10) Phenol	6.45	94	97659	8.756	ng		98
11) bis(2-Chloroethyl)ether	6.54	93	73441	7.906	ng		96
12) 1,3-Dichlorobenzene	6.74	146	82057	8.138	ng		98
13) 1,4-Dichlorobenzene	6.82	146	82854	8.329	ng		98
14) 1,2-Dichlorobenzene	6.97	146	77508	7.998	ng		97
15) Benzyl Alcohol	6.93	79	73416	9.904	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.07	45	108358	8.101	ng		100
17) 2-Methylphenol	7.05	107	60831	7.520	ng		98
18) Hexachloroethane	7.31	117	29563	8.065	ng		93
19) n-Nitroso-di-n-propylamine	7.20	70	52044	8.583	ng		97
20) 3+4-Methylphenols	7.20	107	77875	7.704	ng	#	79
22) Acetophenone	7.20	105	110195	9.355	ng	#	97
24) Nitrobenzene	7.38	77	81488	8.261	ng		96
25) Isophorone	7.62	82	142679	7.770	ng		95
26) 2-Nitrophenol	7.70	139	35342	6.772	ng		94
27) 2,4-Dimethylphenol	7.73	122	54797	7.132	ng		98
28) bis(2-Chloroethoxy)methane	7.83	93	90919	8.542	ng		98
29) 2,4-Dichlorophenol	7.94	162	60297	7.720	ng		97
30) 1,2,4-Trichlorobenzene	8.02	180	69924	8.078	ng		99
31) Naphthalene	8.10	128	226731	8.763	ng		99
32) Benzoic acid	7.80	122	21038	3.569	ng		94
33) 4-Chloroaniline	8.15	127	91115	7.673	ng		99
34) Hexachlorobutadiene	8.22	225	40322	7.992	ng		99
35) Caprolactam	8.48	113	20124	8.056	ng	#	78
36) 4-Chloro-3-methylphenol	8.63	107	61369	7.865	ng		98
37) 2-Methylnaphthalene	8.79	142	151877	8.992	ng		99
38) 1-Methylnaphthalene	8.89	142	140599	8.847	ng		97
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	72499	8.861	ng		98

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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 14:06:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	28363	6.186	ng	97
43) 2,4,6-Trichlorophenol	9.07	196	43000	7.408	ng	97
44) 2,4,5-Trichlorophenol	9.11	196	45985	6.983	ng	97
46) 1,1'-Biphenyl	9.26	154	191826	9.375	ng	98
47) 2-Chloronaphthalene	9.28	162	139697	8.349	ng	100
48) 2-Nitroaniline	9.37	65	38162	7.262	ng	100
49) Acenaphthylene	9.69	152	225508	8.733	ng	98
50) Dimethylphthalate	9.55	163	159402	8.077	ng	98
51) 2,6-Dinitrotoluene	9.62	165	32148	7.188	ng	96
52) Acenaphthene	9.87	154	136419	8.858	ng	99
53) 3-Nitroaniline	9.78	138	36126	6.725	ng	98
54) 2,4-Dinitrophenol	9.89	184	8416	3.510	ng	94
55) Dibenzofuran	10.04	168	204622	8.665	ng	99
56) 4-Nitrophenol	9.95	139	24170	5.974	ng	98
57) 2,4-Dinitrotoluene	10.02	165	41797	7.043	ng	92
58) Fluorene	10.38	166	156114	8.576	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	37060	7.154	ng	97
60) Diethylphthalate	10.25	149	157616	8.109	ng	98
61) 4-Chlorophenyl-phenylether	10.37	204	78855	8.388	ng	94
62) 4-Nitroaniline	10.39	138	36804	6.901	ng	100
63) Azobenzene	10.53	77	151051	8.561	ng	96
65) 4,6-Dinitro-2-methylphenol	10.42	198	16323	5.180	ng	88
66) n-Nitrosodiphenylamine	10.49	169	136837	8.484	ng	99
67) 4-Bromophenyl-phenylether	10.86	248	46269	7.763	ng	97
68) Hexachlorobenzene	10.93	284	52978	8.267	ng	100
69) Atrazine	11.02	200	44461	8.909	ng	97
70) Pentachlorophenol	11.12	266	17770	4.988	ng	99
71) Phenanthrene	11.34	178	228508	8.753	ng	99
72) Anthracene	11.39	178	232693	8.843	ng	98
73) Carbazole	11.55	167	210051	8.064	ng	100
74) Di-n-butylphthalate	11.88	149	249194	8.509	ng	99
75) Fluoranthene	12.53	202	246829	8.269	ng	99
77) Benzidine	12.65	184	130491m	9.096	ng	
78) Pyrene	12.76	202	260040	8.653	ng	98
80) Butylbenzylphthalate	13.38	149	100447	7.527	ng	96
81) Benzo(a)anthracene	13.94	228	238583	9.361	ng	98
82) 3,3'-Dichlorobenzidine	13.91	252	91332	9.382	ng	100
83) Chrysene	13.98	228	230432	8.815	ng	97
84) Bis(2-ethylhexyl)phthalate	13.94	149	151479	9.302	ng	99
85) Di-n-octyl phthalate	14.55	149	250311	8.054	ng	98
87) Indeno(1,2,3-cd)pyrene	16.80	276	258541	8.757	ng	98
88) Benzo(b)fluoranthene	14.97	252	231124	7.994	ng	98
89) Benzo(k)fluoranthene	15.00	252	217326	8.495	ng	98
90) Benzo(a)pyrene	15.33	252	201290	7.779	ng	100
91) Dibenzo(a,h)anthracene	16.82	278	219642	9.277	ng	98
92) Benzo(g,h,i)perylene	17.23	276	217589	9.118	ng	99

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

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