Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061120\
Data File : BF120601.D
Acq On : 11 Jun 2020 14:29
Operator : JU/CG
Sample : L1161-02
Misc : LOO-SOIL-10PPM
ALS Vial : 7 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
6/15/2020 8:42:49 AM

Quant Time: Jun 11 15:32:36 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	149876	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	542987	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	286957	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	546726	20.00	ng		0.00
76) Chrysene-d12	13.96	240	441365	20.00	ng		0.00
86) Perylene-d12	15.39	264	498655	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	1221543	139.73	ng		0.00
7) Phenol-d6	6.43	99	1525598	140.12	ng		0.00
23) Nitrobenzene-d5	7.36	82	981219	101.01	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	466314	139.77	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	1762857	93.99	ng		0.00
79) Terphenyl-d14	12.91	244	1963291	98.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.47	88	37680	9.094	ng		98
3) Pyridine	3.26	79	75977	6.523	ng		97
4) n-Nitrosodimethylamine	3.15	42	44344	9.174	ng	#	99
6) Aniline	6.46	93	141461	10.152	ng		99
8) 2-Chlorophenol	6.59	128	92740	9.388	ng		98
9) Benzaldehyde	6.35	77	80164	11.640	ng		96
10) Phenol	6.45	94	123381	10.621	ng		96
11) bis(2-Chloroethyl)ether	6.53	93	91070	9.412	ng		97
12) 1,3-Dichlorobenzene	6.74	146	103278	9.834	ng		97
13) 1,4-Dichlorobenzene	6.82	146	104116	10.048	ng		99
14) 1,2-Dichlorobenzene	6.97	146	97040	9.614	ng		99
15) Benzyl Alcohol	6.93	79	88310	11.437	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	136781	9.817	ng		98
17) 2-Methylphenol	7.05	107	75085	8.912	ng		99
18) Hexachloroethane	7.31	117	37895	9.925	ng		92
19) n-Nitroso-di-n-propylamine	7.20	70	66419	10.516	ng		97
20) 3+4-Methylphenols	7.20	107	97448	9.256	ng	#	75
22) Acetophenone	7.20	105	136391	11.235	ng	#	97
24) Nitrobenzene	7.38	77	100735	9.909	ng		99
25) Isophorone	7.62	82	179800	9.502	ng		96
26) 2-Nitrophenol	7.70	139	46494	8.645	ng		94
27) 2,4-Dimethylphenol	7.73	122	70564	8.911	ng		99
28) bis(2-Chloroethoxy)methane	7.83	93	114899	10.475	ng		99
29) 2,4-Dichlorophenol	7.94	162	77521	9.631	ng		98
30) 1,2,4-Trichlorobenzene	8.02	180	88186	9.886	ng		98
31) Naphthalene	8.10	128	286622	10.750	ng		99
32) Benzoic acid	7.80	122	31131m	5.124	ng		
33) 4-Chloroaniline	8.15	127	116686	9.535	ng		99
34) Hexachlorobutadiene	8.22	225	50737	9.758	ng		98
35) Caprolactam	8.49	113	25640	9.960	ng		90
36) 4-Chloro-3-methylphenol	8.63	107	79393	9.873	ng		99
37) 2-Methylnaphthalene	8.79	142	190795	10.962	ng		98
38) 1-Methylnaphthalene	8.89	142	180106	10.997	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	91105	10.633	ng		99

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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
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	38116	7.938	ng		96
43) 2,4,6-Trichlorophenol	9.07	196	54984	9.046	ng		98
44) 2,4,5-Trichlorophenol	9.11	196	58890	8.540	ng		99
46) 1,1'-Biphenyl	9.26	154	243404	11.360	ng		97
47) 2-Chloronaphthalene	9.28	162	176302	10.062	ng		99
48) 2-Nitroaniline	9.37	65	49379	8.973	ng		97
49) Acenaphthylene	9.69	152	282896	10.461	ng		99
50) Dimethylphthalate	9.55	163	197418	9.552	ng		98
51) 2,6-Dinitrotoluene	9.61	165	41964	8.960	ng		88
52) Acenaphthene	9.86	154	172624	10.703	ng		99
53) 3-Nitroaniline	9.78	138	45978	8.173	ng		99
54) 2,4-Dinitrophenol	9.89	184	12515	4.984	ng		97
55) Dibenzofuran	10.04	168	259709	10.502	ng		100
56) 4-Nitrophenol	9.94	139	31940	7.539	ng		90
57) 2,4-Dinitrotoluene	10.02	165	53667	8.635	ng		92
58) Fluorene	10.38	166	197942	10.383	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	46563	8.583	ng		96
60) Diethylphthalate	10.25	149	201456	9.897	ng		99
61) 4-Chlorophenyl-phenylether	10.37	204	100454	10.204	ng		95
62) 4-Nitroaniline	10.39	138	46836	8.386	ng		96
63) Azobenzene	10.53	77	194536	10.529	ng		97
65) 4,6-Dinitro-2-methylphenol	10.42	198	21616	6.589	ng		88
66) n-Nitrosodiphenylamine	10.49	169	173499	10.334	ng		98
67) 4-Bromophenyl-phenylether	10.86	248	58822	9.480	ng		97
68) Hexachlorobenzene	10.93	284	65947	9.885	ng		98
69) Atrazine	11.02	200	56468	10.869	ng		99
70) Pentachlorophenol	11.12	266	24601	6.633	ng		98
71) Phenanthrene	11.34	178	289472	10.651	ng		98
72) Anthracene	11.39	178	293428	10.711	ng		98
73) Carbazole	11.54	167	264324	9.747	ng		99
74) Di-n-butylphthalate	11.88	149	314178	10.305	ng		99
75) Fluoranthene	12.53	202	315822	10.164	ng		98
77) Benzidine	12.65	184	171215	11.470	ng	#	93
78) Pyrene	12.76	202	326094	10.429	ng		98
80) Butylbenzylphthalate	13.37	149	127898	9.212	ng		96
81) Benzo(a)anthracene	13.94	228	297916	11.235	ng		99
82) 3,3'-Dichlorobenzidine	13.90	252	117640	11.615	ng	#	97
83) Chrysene	13.98	228	285647	10.502	ng		99
84) Bis(2-ethylhexyl)phthalate	13.94	149	191392	11.295	ng		100
85) Di-n-octyl phthalate	14.55	149	320081	9.898	ng		99
87) Indeno(1,2,3-cd)pyrene	16.80	276	321362	10.595	ng		98
88) Benzo(b)fluoranthene	14.97	252	291615	9.817	ng		100
89) Benzo(k)fluoranthene	15.00	252	265233	10.091	ng		100
90) Benzo(a)pyrene	15.33	252	254021	9.556	ng		97
91) Dibenzo(a,h)anthracene	16.82	278	273633	11.250	ng		98
92) Benzo(g,h,i)perylene	17.23	276	273576	11.159	ng		96

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

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