Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP021820\
Data File : BP001771.D
Acq On : 18 Feb 2020 22:18
Operator : CG/JU
Sample : K5695-07
Misc : MDL-SOIL-7
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-07

Manual Integrations APPROVED
Sohil
2/19/2020 4:39:42 PM

Quant Time: Feb 19 12:15:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 19 02:37:06 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	448320	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1835881	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	1144379	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.05	188	2438204	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	2516203	20.00	ng/ul	0.00
86) Perylene-d12	23.34	264	2660242	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	44793	4.15	ng/uL	0.00
5) Phenol-d5	6.83	99	940825	27.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	555908	28.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	798926	29.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	739198	27.51	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	359447	28.92	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	348191	30.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	743953	27.84	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	1082698	34.25	ng/ul	0.00
44) Dimethylphthalate-d6	13.71	166	2321108	28.90	ng/ul	0.00
47) Acenaphthylene-d8	13.98	160	2873763	29.06	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	340541	24.35	ng/ul	0.00
58) Fluorene-d10	15.29	176	2014599	27.90	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	221413	23.03	ng/ul	0.00
71) Anthracene-d10	17.14	188	3071725	28.60	ng/ul	0.00
79) Pyrene-d10	19.39	212	3425627	26.53	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.20	264	3569066	27.78	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	6.80	77	59939	2.891	ng/ul	96
6) Phenol	6.86	94	95423	2.658	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.09	93	79272	2.738	ng/ul	95
10) 2-Chlorophenol	7.23	128	78997	2.728	ng/ul	99
11) 2-Methylphenol	8.10	108	62143	2.286	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.19	45	93246	2.703	ng/ul	99
14) Acetophenone	8.47	105	109971	2.649	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.46	70	49068	2.549	ng/ul	98
16) 4-Methylphenol	8.42	108	74934	2.561	ng/ul	97
17) Hexachloroethane	8.73	117	30499	2.647	ng/ul	98
20) Nitrobenzene	8.84	77	82699	2.684	ng/ul	99
21) Isophorone	9.37	82	132350	2.337	ng/ul	99
23) 2-Nitrophenol	9.55	139	38090	2.828	ng/ul	97
24) 2,4-Dimethylphenol	9.62	107	75746	2.504	ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.86	93	98675	2.575	ng/ul	99
27) 2,4-Dichlorophenol	10.08	162	73003	2.661	ng/ul	91
28) Naphthalene	10.48	128	266555	2.717	ng/ul	98
30) 4-Chloroaniline	10.59	127	95861	3.001	ng/ul	96
31) Hexachlorobutadiene	10.79	225	52379	2.700	ng/ul	97
32) Caprolactam	11.34	113	14649m	1.768	ng/ul	
33) 4-Chloro-3-methylphenol	11.72	107	56232	2.153	ng/ul	94
34) 2-Methylnaphthalene	12.10	142	176625	2.612	ng/ul	98
35) 1-Methylnaphthalene	12.32	142	186395	2.797	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
37) 1,2,4,5-Tetrachlorobenzene	12.47	216	99592	2.672 ng/ul	99
38) Hexachlorocyclopentadiene	12.47	237	40773	2.025 ng/ul	94
39) 2,4,6-Trichlorophenol	12.72	196	41621	2.089 ng/ul	98
40) 2,4,5-Trichlorophenol	12.78	196	44855	2.045 ng/ul	96
41) 1,1'-Biphenyl	13.12	154	241449	2.706 ng/ul	100
42) 2-Chloronaphthalene	13.16	162	187951	2.668 ng/ul	99
43) 2-Nitroaniline	13.36	65	27187	1.923 ng/ul	97
45) Dimethylphthalate	13.75	163	227159	2.687 ng/ul	100
46) 2,6-Dinitrotoluene	13.86	165	28115	1.909 ng/ul	90
48) Acenaphthylene	14.01	152	294240	2.743 ng/ul	99
49) 3-Nitroaniline	14.19	138	29000	1.934 ng/ul	96
50) Acenaphthene	14.36	153	195598	2.668 ng/ul	99
51) 2,4-Dinitrophenol	14.39	184	7791	1.275 ng/ul	93
53) 4-Nitrophenol	14.50	109	24920	2.407 ng/ul	95
54) Dibenzofuran	14.69	168	286174	2.772 ng/ul	98
55) 2,4-Dinitrotoluene	14.65	165	44938	2.072 ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	14.92	232	38768	2.187 ng/ul	99
57) Diethylphthalate	15.13	149	197956	2.449 ng/ul	100
59) Fluorene	15.35	166	229361	2.793 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.35	204	117454	2.756 ng/ul	98
61) 4-Nitroaniline	15.35	138	33624	1.986 ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.42	198	24488	2.284 ng/ul#	72
65) N-Nitrosodiphenylamine	15.56	169	181641	2.598 ng/ul	99
66) 4-Bromophenyl-phenylether	16.25	248	67705	2.530 ng/ul	96
67) Hexachlorobenzene	16.36	284	82179	2.661 ng/ul	97
68) Atrazine	16.52	200	52922	2.100 ng/ul	99
69) Pentachlorophenol	16.70	266	22162	1.482 ng/ul	98
70) Phenanthrene	17.09	178	362520	2.696 ng/ul	99
72) Anthracene	17.17	178	364542	2.745 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.09	216	109240	2.733 ng/uL	97
74) Pentachlorobenzene	14.62	250	98573	2.530 ng/uL	99
75) Carbazole	17.45	167	283688	2.561 ng/ul	99
76) Di-n-butylphthalate	18.03	149	251084	2.060 ng/ul	99
77) Fluoranthene	19.06	202	385396	2.677 ng/ul	98
80) Pyrene	19.41	202	451112	2.636 ng/ul	99
81) Butylbenzylphthalate	20.30	149	86929	1.636 ng/ul	98
82) 3,3'-Dichlorobenzidine	21.06	252	98885	1.817 ng/ul	99
83) Benzo(a)anthracene	21.12	228	427273	2.579 ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.07	149	201754	2.292 ng/ul	99
85) Chrysene	21.17	228	422090	2.607 ng/ul	99
87) Di-n-octyl phthalate	21.94	149	236682	1.777 ng/ul	100
88) Benzo(b)fluoranthene	22.68	252	399545	2.552 ng/ul	99
89) Benzo(k)fluoranthene	22.72	252	409924	2.526 ng/ul	99
91) Benzo(a)pyrene	23.24	252	389529	2.655 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.57	276	441427	2.409 ng/ul	98
93) Dibenzo(a,h)anthracene	25.59	278	380039	2.469 ng/ul	99
94) Benzo(g,h,i)perylene	26.24	276	376186	2.415 ng/ul	99

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

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