Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021720\
Data File : BN009739.D
Acq On : 17 Feb 2020 16:48
Operator : CG/JU
Sample : K5695-07
Misc : MDL-SOIL-07
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-07

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mohammad
2/20/2020 7:56:35 AM

Quant Time: Feb 17 17:24:10 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 17 00:47:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	103471	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	440112	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.05	164	280413	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.81	188	587024	20.00	ng/ul	0.00
78) Chrysene-d12	21.03	240	579099	20.00	ng/ul	0.00
86) Perylene-d12	23.14	264	581224	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.05	96	11225	4.46	ng/uL	0.00
5) Phenol-d5	6.61	99	254968	28.97	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.77	67	185753	30.58	ng/ul	0.00
9) 2-Chlorophenol-d4	6.96	132	203647	30.74	ng/ul	0.00
13) 4-Methylphenol-d8	8.13	113	199942	28.56	ng/ul	0.00
19) Nitrobenzene-d5	8.56	128	95741	29.73	ng/ul	0.00
22) 2-Nitrophenol-d4	9.27	143	106604	30.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	188650	27.86	ng/ul	0.00
29) 4-Chloroaniline-d4	10.32	131	268437	35.28	ng/ul	0.00
44) Dimethylphthalate-d6	13.48	166	630630	30.11	ng/ul	0.00
47) Acenaphthylene-d8	13.74	160	752874	30.52	ng/ul	0.00
52) 4-Nitrophenol-d4	14.29	143	92655	24.22	ng/ul	0.00
58) Fluorene-d10	15.06	176	527873	29.19	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.21	200	88027	24.14	ng/ul	0.00
71) Anthracene-d10	16.91	188	811966	30.17	ng/ul	0.00
79) Pyrene-d10	19.22	212	895379	29.58	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.00	264	877914	30.25	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.09	88	3155m	1.092	ng/uL	
4) Benzaldehyde	6.59	77	23189	3.962	ng/ul	88
6) Phenol	6.64	94	30731	3.258	ng/ul#	88
8) Bis(2-Chloroethyl)ether	6.86	93	25130	3.390	ng/ul	95
10) 2-Chlorophenol	6.99	128	23736	3.401	ng/ul	98
11) 2-Methylphenol	7.87	108	19156	2.776	ng/ul	89
12) 2,2'-oxybis(1-Chloropropan	7.94	45	65621	3.611	ng/ul	99
14) Acetophenone	8.23	105	36434	3.194	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.22	70	19073	3.200	ng/ul#	88
16) 4-Methylphenol	8.19	108	21932	2.896	ng/ul	87
17) Hexachloroethane	8.46	117	10193	3.210	ng/ul#	79
20) Nitrobenzene	8.60	77	31614	3.332	ng/ul#	96
21) Isophorone	9.12	82	48874	2.927	ng/ul	97
23) 2-Nitrophenol	9.30	139	13006	3.300	ng/ul	99
24) 2,4-Dimethylphenol	9.38	107	25790	3.014	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.61	93	31156	3.053	ng/ul	97
27) 2,4-Dichlorophenol	9.83	162	20755	3.038	ng/ul#	84
28) Naphthalene	10.21	128	80027	3.372	ng/ul	97
30) 4-Chloroaniline	10.34	127	28365	3.641	ng/ul#	89
31) Hexachlorobutadiene	10.50	225	14744	3.227	ng/ul#	81
32) Caprolactam	11.16	113	4161m	1.816	ng/ul	
33) 4-Chloro-3-methylphenol	11.49	107	21173	2.710	ng/ul	94
34) 2-Methylnaphthalene	11.84	142	51648	3.134	ng/ul	99

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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.06	142	57576	3.486 ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	12.22	216	26321	3.167 ng/ul	98
38) Hexachlorocyclopentadiene	12.19	237	4056	1.128 ng/ul	88
39) 2,4,6-Trichlorophenol	12.49	196	13675	2.592 ng/ul#	90
40) 2,4,5-Trichlorophenol	12.56	196	15865	2.803 ng/ul	90
41) 1,1'-Biphenyl	12.88	154	70012	3.251 ng/ul	96
42) 2-Chloronaphthalene	12.92	162	55975	3.273 ng/ul	98
43) 2-Nitroaniline	13.15	65	15376	2.458 ng/ul	91
45) Dimethylphthalate	13.53	163	71476	3.270 ng/ul	99
46) 2,6-Dinitrotoluene	13.66	165	11416	2.668 ng/ul	92
48) Acenaphthylene	13.77	152	88943	3.331 ng/ul	97
49) 3-Nitroaniline	13.99	138	9257	2.344 ng/ul#	88
50) Acenaphthene	14.12	153	59821	3.268 ng/ul	97
51) 2,4-Dinitrophenol	14.22	184	8456	3.443 ng/ul	95
53) 4-Nitrophenol	14.31	109	10330	2.993 ng/ul	93
54) Dibenzofuran	14.46	168	83428	3.247 ng/ul	99
55) 2,4-Dinitrotoluene	14.46	165	16900	2.665 ng/ul#	66
56) 2,3,4,6-Tetrachlorophenol	14.70	232	13120	2.696 ng/ul#	94
57) Diethylphthalate	14.91	149	67936	3.027 ng/ul	98
59) Fluorene	15.12	166	70123	3.252 ng/ul	93
60) 4-Chlorophenyl-phenylether	15.12	204	35216	3.312 ng/ul	98
61) 4-Nitroaniline	15.16	138	11571m	2.402 ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.22	198	10018m	2.550 ng/ul	
65) N-Nitrosodiphenylamine	15.33	169	56455	3.241 ng/ul	99
66) 4-Bromophenyl-phenylether	16.01	248	18994	3.234 ng/ul	94
67) Hexachlorobenzene	16.13	284	20693	3.184 ng/ul	97
68) Atrazine	16.30	200	17734	2.684 ng/ul	94
69) Pentachlorophenol	16.49	266	6663	1.774 ng/ul#	82
70) Phenanthrene	16.85	178	114297	3.412 ng/ul	99
72) Anthracene	16.95	178	112994	3.299 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.84	216	30719	3.582 ng/uL	99
74) Pentachlorobenzene	14.39	250	26836	3.245 ng/uL	98
75) Carbazole	17.23	167	85822	2.846 ng/ul	97
76) Di-n-butylphthalate	17.80	149	100199	2.692 ng/ul	99
77) Fluoranthene	18.89	202	122113	3.112 ng/ul	97
80) Pyrene	19.25	202	135827	3.253 ng/ul	97
81) Butylbenzylphthalate	20.18	149	39548	2.304 ng/ul	98
82) 3,3'-Dichlorobenzidine	20.96	252	31311	2.480 ng/ul#	82
83) Benzo(a)anthracene	21.01	228	119000	2.990 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	20.97	149	66180	2.526 ng/ul	97
85) Chrysene	21.07	228	125910	3.214 ng/ul	96
87) Di-n-octyl phthalate	21.82	149	98681	2.243 ng/ul	100
88) Benzo(b)fluoranthene	22.52	252	115803	3.073 ng/ul	97
89) Benzo(k)fluoranthene	22.56	252	116849	3.275 ng/ul	98
91) Benzo(a)pyrene	23.04	252	115029	3.394 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.20	276	125319	3.114 ng/ul	97
93) Dibenzo(a,h)anthracene	25.20	278	106662	3.098 ng/ul	96
94) Benzo(g,h,i)perylene	25.82	276	105669	3.132 ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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