Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021720\
Data File : BN009734.D
Acq On : 17 Feb 2020 12:32
Operator : CG/JU
Sample : K5695-03
Misc : MDL-SOIL-03
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03

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2/20/2020 7:56:24 AM

Quant Time: Feb 17 13:53:21 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	93427	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	387700	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	251421	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.81	188	545893	20.00	ng/ul	0.00
78) Chrysene-d12	21.03	240	529479	20.00	ng/ul	0.00
86) Perylene-d12	23.13	264	534276	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	10771	4.74	ng/uL	0.00
5) Phenol-d5	6.62	99	262197	32.99	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.78	67	187479	34.19	ng/ul	0.00
9) 2-Chlorophenol-d4	6.96	132	208035	34.77	ng/ul	0.00
13) 4-Methylphenol-d8	8.13	113	211888	33.52	ng/ul	0.00
19) Nitrobenzene-d5	8.56	128	99961	35.24	ng/ul	0.00
22) 2-Nitrophenol-d4	9.27	143	108641	35.01	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	197661	33.14	ng/ul	0.00
29) 4-Chloroaniline-d4	10.32	131	275168	41.06	ng/ul	0.00
44) Dimethylphthalate-d6	13.48	166	660010	35.15	ng/ul	0.00
47) Acenaphthylene-d8	13.74	160	787069	35.59	ng/ul	0.00
52) 4-Nitrophenol-d4	14.29	143	94697	27.61	ng/ul	0.00
58) Fluorene-d10	15.06	176	562060	34.66	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.21	200	95455	28.15	ng/ul	0.00
71) Anthracene-d10	16.91	188	882715	35.28	ng/ul	0.00
79) Pyrene-d10	19.22	212	952737	34.43	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.00	264	915176	34.30	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.09	88	2940	1.127	ng/uL#	71
4) Benzaldehyde	6.59	77	21254m	4.022	ng/ul	
6) Phenol	6.64	94	28403	3.335	ng/ul#	84
8) Bis(2-Chloroethyl)ether	6.87	93	22898	3.421	ng/ul#	96
10) 2-Chlorophenol	6.99	128	21627	3.432	ng/ul	94
11) 2-Methylphenol	7.88	108	18458	2.962	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	7.95	45	61986	3.778	ng/ul	97
14) Acetophenone	8.24	105	34079	3.308	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.23	70	18089	3.361	ng/ul#	97
16) 4-Methylphenol	8.19	108	21805	3.189	ng/ul	97
17) Hexachloroethane	8.46	117	10587	3.693	ng/ul	90
20) Nitrobenzene	8.60	77	30603	3.662	ng/ul	98
21) Isophorone	9.13	82	47442	3.225	ng/ul	99
23) 2-Nitrophenol	9.30	139	12219	3.519	ng/ul#	88
24) 2,4-Dimethylphenol	9.38	107	25051	3.323	ng/ul	91
25) Bis(2-Chloroethoxy)methane	9.62	93	30961	3.444	ng/ul	98
27) 2,4-Dichlorophenol	9.83	162	21108	3.507	ng/ul#	84
28) Naphthalene	10.22	128	73287	3.505	ng/ul	96
30) 4-Chloroaniline	10.34	127	25719	3.747	ng/ul	96
31) Hexachlorobutadiene	10.50	225	13186	3.276	ng/ul	93
32) Caprolactam	11.17	113	4475m	2.217	ng/ul	
33) 4-Chloro-3-methylphenol	11.49	107	19378	2.816	ng/ul	95
34) 2-Methylnaphthalene	11.84	142	48966	3.373	ng/ul	96

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Quant Time: Feb 17 13:53:21 2020
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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)
35) 1-Methylnaphthalene	12.06	142	51446	3.535 ng/uL	97
37) 1,2,4,5-Tetrachlorobenzene	12.23	216	25087	3.366 ng/ul	98
38) Hexachlorocyclopentadiene	12.20	237	4023	1.248 ng/ul#	85
39) 2,4,6-Trichlorophenol	12.49	196	12261	2.592 ng/ul	93
40) 2,4,5-Trichlorophenol	12.56	196	14275m	2.813 ng/ul	
41) 1,1'-Biphenyl	12.88	154	66210	3.429 ng/ul	99
42) 2-Chloronaphthalene	12.92	162	50758	3.310 ng/ul	94
43) 2-Nitroaniline	13.15	65	14868	2.651 ng/ul#	84
45) Dimethylphthalate	13.53	163	70203	3.583 ng/ul	99
46) 2,6-Dinitrotoluene	13.66	165	10066	2.624 ng/ul	92
48) Acenaphthylene	13.77	152	82105	3.430 ng/ul	98
49) 3-Nitroaniline	13.99	138	9211	2.601 ng/ul	84
50) Acenaphthene	14.12	153	56792	3.461 ng/ul	94
51) 2,4-Dinitrophenol	14.23	184	2444	1.110 ng/ul#	82
53) 4-Nitrophenol	14.30	109	9827	3.175 ng/ul#	88
54) Dibenzofuran	14.46	168	79639	3.457 ng/ul	100
55) 2,4-Dinitrotoluene	14.46	165	17594	3.095 ng/ul#	94
56) 2,3,4,6-Tetrachlorophenol	14.70	232	12302	2.820 ng/ul#	96
57) Diethylphthalate	14.91	149	67153	3.337 ng/ul	95
59) Fluorene	15.12	166	68691	3.553 ng/ul	93
60) 4-Chlorophenyl-phenylether	15.12	204	32671	3.427 ng/ul	98
61) 4-Nitroaniline	15.16	138	10771m	2.494 ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.23	198	10048	2.751 ng/ul#	72
65) N-Nitrosodiphenylamine	15.33	169	54626	3.373 ng/ul	95
66) 4-Bromophenyl-phenylether	16.02	248	18242	3.340 ng/ul	95
67) Hexachlorobenzene	16.13	284	20660	3.418 ng/ul	97
68) Atrazine	16.30	200	16754	2.727 ng/ul	96
69) Pentachlorophenol	16.49	266	6194	1.773 ng/ul	94
70) Phenanthrene	16.85	178	111872	3.591 ng/ul	99
72) Anthracene	16.95	178	108929	3.420 ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.84	216	28471	3.570 ng/uL	94
74) Pentachlorobenzene	14.39	250	26049	3.387 ng/uL	98
75) Carbazole	17.23	167	82525	2.942 ng/ul	97
76) Di-n-butylphthalate	17.80	149	94932	2.742 ng/ul	99
77) Fluoranthene	18.89	202	116501	3.192 ng/ul	98
80) Pyrene	19.25	202	132943	3.483 ng/ul	99
81) Butylbenzylphthalate	20.18	149	38550	2.457 ng/ul	99
82) 3,3'-Dichlorobenzidine	20.96	252	29329	2.541 ng/ul	97
83) Benzo(a)anthracene	21.01	228	118838	3.266 ng/ul	97
84) Bis(2-ethylhexyl)phthalate	20.97	149	55596	2.321 ng/ul#	91
85) Chrysene	21.06	228	120571	3.366 ng/ul	95
87) Di-n-octyl phthalate	21.82	149	97263	2.405 ng/ul	100
88) Benzo(b)fluoranthene	22.52	252	111272	3.212 ng/ul	98
89) Benzo(k)fluoranthene	22.56	252	116164	3.542 ng/ul	98
91) Benzo(a)pyrene	23.04	252	105334	3.381 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.19	276	122888	3.322 ng/ul	98
93) Dibenzo(a,h)anthracene	25.20	278	102314	3.233 ng/ul	99
94) Benzo(g,h,i)perylene	25.82	276	102940	3.319 ng/ul	95

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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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