Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022620\
Data File : BN009929.D
Acq On : 26 Feb 2020 15:06
Operator : CG/JU
Sample : K5695-07
Misc : ME-SOIL-MDL-07
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-07

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Quant Time: Feb 26 15:38:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 26 07:56:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	86745	20.00	ng/ul	0.00
18) Naphthalene-d8	10.13	136	379820	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.02	164	243056	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.78	188	510824	20.00	ng/ul	0.00
78) Chrysene-d12	21.00	240	513717	20.00	ng/ul	0.00
86) Perylene-d12	23.10	264	505365	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.03	96	10005	4.74	ng/uL	0.00
5) Phenol-d5	6.59	99	230244	31.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.74	67	173316	34.04	ng/ul	0.00
9) 2-Chlorophenol-d4	6.92	132	187787	33.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.10	113	191118	32.56	ng/ul	0.00
19) Nitrobenzene-d5	8.53	128	92417	33.26	ng/ul	0.00
22) 2-Nitrophenol-d4	9.24	143	98959	32.55	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.77	165	186597	31.93	ng/ul	0.00
29) 4-Chloroaniline-d4	10.29	131	252719	38.49	ng/ul	0.00
44) Dimethylphthalate-d6	13.45	166	604846	33.32	ng/ul	0.00
47) Acenaphthylene-d8	13.71	160	742890	34.74	ng/ul	0.00
52) 4-Nitrophenol-d4	14.27	143	81025	24.44	ng/ul	0.00
58) Fluorene-d10	15.03	176	523309	33.39	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	84074	26.49	ng/ul	0.00
71) Anthracene-d10	16.88	188	793327	33.88	ng/ul	0.00
79) Pyrene-d10	19.19	212	863305	32.15	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.97	264	849443	33.66	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.06	88	2522	1.041	ng/uL#	78
4) Benzaldehyde	6.56	77	20286	4.134	ng/ul	92
6) Phenol	6.61	94	28016	3.543	ng/ul#	84
8) Bis(2-Chloroethyl)ether	6.83	93	23238	3.739	ng/ul	97
10) 2-Chlorophenol	6.96	128	21299	3.640	ng/ul	97
11) 2-Methylphenol	7.84	108	19312	3.338	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	7.92	45	65659	4.310	ng/ul	99
14) Acetophenone	8.20	105	35472	3.709	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.19	70	18418	3.686	ng/ul	95
16) 4-Methylphenol	8.17	108	22744	3.582	ng/ul	98
17) Hexachloroethane	8.43	117	9818	3.688	ng/ul	89
20) Nitrobenzene	8.57	77	30421	3.715	ng/ul	91
21) Isophorone	9.09	82	49265	3.419	ng/ul	96
23) 2-Nitrophenol	9.27	139	12317	3.621	ng/ul#	83
24) 2,4-Dimethylphenol	9.35	107	25246	3.418	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.58	93	31996	3.633	ng/ul	96
27) 2,4-Dichlorophenol	9.80	162	21294	3.612	ng/ul#	82
28) Naphthalene	10.18	128	75936	3.707	ng/ul	99
30) 4-Chloroaniline	10.31	127	26033	3.872	ng/ul	89
31) Hexachlorobutadiene	10.46	225	14413	3.655	ng/ul	99
32) Caprolactam	11.14	113	3632m	1.837	ng/ul	
33) 4-Chloro-3-methylphenol	11.46	107	22199	3.293	ng/ul	93
34) 2-Methylnaphthalene	11.81	142	49761	3.499	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.03	142	54506	3.823	ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	12.19	216	26694	3.705	ng/ul	96
38) Hexachlorocyclopentadiene	12.16	237	3753	1.204	ng/ul	92
39) 2,4,6-Trichlorophenol	12.45	196	12899	2.821	ng/ul	97
40) 2,4,5-Trichlorophenol	12.53	196	15525m	3.165	ng/ul	
41) 1,1'-Biphenyl	12.85	154	68057	3.646	ng/ul	94
42) 2-Chloronaphthalene	12.89	162	55413	3.738	ng/ul	95
43) 2-Nitroaniline	13.12	65	14458	2.667	ng/ul	98
45) Dimethylphthalate	13.50	163	68523	3.617	ng/ul	98
46) 2,6-Dinitrotoluene	13.63	165	10653	2.873	ng/ul#	91
48) Acenaphthylene	13.74	152	85404	3.690	ng/ul	96
49) 3-Nitroaniline	13.97	138	9294	2.715	ng/ul#	82
50) Acenaphthene	14.09	153	59414	3.745	ng/ul	97
51) 2,4-Dinitrophenol	14.22	184	2717m	1.276	ng/ul	
53) 4-Nitrophenol	14.29	109	9592	3.206	ng/ul#	85
54) Dibenzofuran	14.43	168	82121	3.688	ng/ul	99
55) 2,4-Dinitrotoluene	14.43	165	17677	3.216	ng/ul#	76
56) 2,3,4,6-Tetrachlorophenol	14.67	232	13360	3.168	ng/ul#	96
57) Diethylphthalate	14.88	149	66129	3.400	ng/ul	97
59) Fluorene	15.09	166	66600	3.564	ng/ul	95
60) 4-Chlorophenyl-phenylether	15.09	204	32969	3.577	ng/ul	91
61) 4-Nitroaniline	15.15	138	9912m	2.374	ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.21	198	9871	2.888	ng/ul#	68
65) N-Nitrosodiphenylamine	15.31	169	55797	3.681	ng/ul	98
66) 4-Bromophenyl-phenylether	15.99	248	18623	3.643	ng/ul	96
67) Hexachlorobenzene	16.09	284	21004	3.714	ng/ul	96
68) Atrazine	16.28	200	18069	3.143	ng/ul#	93
69) Pentachlorophenol	16.46	266	5702	1.744	ng/ul	90
70) Phenanthrene	16.82	178	109104	3.742	ng/ul	98
72) Anthracene	16.92	178	109319	3.668	ng/ul	96
73) 1,2,3,4-Tetrachlorobenzene	12.81	216	29760	3.988	ng/uL	94
74) Pentachlorobenzene	14.36	250	25579	3.554	ng/uL	97
75) Carbazole	17.21	167	76128	2.901	ng/ul	99
76) Di-n-butylphthalate	17.77	149	98193	3.031	ng/ul	98
77) Fluoranthene	18.86	202	116395	3.409	ng/ul	98
80) Pyrene	19.22	202	126404	3.413	ng/ul	98
81) Butylbenzylphthalate	20.16	149	39029	2.563	ng/ul	99
82) 3,3'-Dichlorobenzidine	20.93	252	30615	2.733	ng/ul#	93
83) Benzo(a)anthracene	20.99	228	116910	3.312	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	20.95	149	61292	2.637	ng/ul	98
85) Chrysene	21.04	228	123015	3.539	ng/ul	99
87) Di-n-octyl phthalate	21.79	149	104876	2.742	ng/ul	100
88) Benzo(b)fluoranthene	22.49	252	115550	3.527	ng/ul	96
89) Benzo(k)fluoranthene	22.53	252	115313	3.717	ng/ul	96
91) Benzo(a)pyrene	23.01	252	106597	3.617	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.15	276	121847	3.482	ng/ul	97
93) Dibenzo(a,h)anthracene	25.14	278	99687	3.331	ng/ul	99
94) Benzo(g,h,i)perylene	25.77	276	106264	3.622	ng/ul	98

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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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