Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP021820\
Data File : BP001765.D
Acq On : 18 Feb 2020 18:21
Operator : CG/JU
Sample : K5695-01
Misc : MDL-SOIL-01
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MDL-SOIL-01

Quant Time: Feb 19 02:43:48 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	407125	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1669352	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	1036283	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.05	188	2223080	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	2301439	20.00	ng/ul	0.00
86) Perylene-d12	23.35	264	2465457	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	43974	4.49	ng/uL	0.00
5) Phenol-d5	6.83	99	958792	31.17	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	563582	31.53	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	818773	32.93	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	753254	30.87	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	372312	32.95	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	363138	35.53	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	760996	31.31	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	1108485	38.56	ng/ul	0.00
44) Dimethylphthalate-d6	13.71	166	2361544	32.47	ng/ul	0.00
47) Acenaphthylene-d8	13.98	160	2947811	32.92	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	358416	28.30	ng/ul	0.00
58) Fluorene-d10	15.29	176	2050071	31.35	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	233758	26.67	ng/ul	0.00
71) Anthracene-d10	17.14	188	3116683	31.82	ng/ul	0.00
79) Pyrene-d10	19.39	212	3520840	29.81	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.21	264	3720659	31.25	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	6.80	77	75625	4.016	ng/ul	98
6) Phenol	6.86	94	113265	3.474	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.09	93	92875	3.533	ng/ul	99
10) 2-Chlorophenol	7.23	128	94070	3.577	ng/ul	98
11) 2-Methylphenol	8.10	108	78209	3.169	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.19	45	110948	3.542	ng/ul	99
14) Acetophenone	8.47	105	134022	3.555	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.46	70	59883	3.426	ng/ul	99
16) 4-Methylphenol	8.42	108	88455	3.329	ng/ul	99
17) Hexachloroethane	8.73	117	35322	3.376	ng/ul	94
20) Nitrobenzene	8.84	77	100593	3.591	ng/ul	99
21) Isophorone	9.37	82	164038	3.186	ng/ul	99
23) 2-Nitrophenol	9.55	139	45486	3.714	ng/ul	99
24) 2,4-Dimethylphenol	9.62	107	91394	3.323	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.86	93	119979	3.444	ng/ul	100
27) 2,4-Dichlorophenol	10.08	162	88079	3.531	ng/ul	92
28) Naphthalene	10.48	128	317847	3.563	ng/ul	99
30) 4-Chloroaniline	10.59	127	117860	4.057	ng/ul	99
31) Hexachlorobutadiene	10.79	225	62607	3.550	ng/ul	97
32) Caprolactam	11.35	113	19633	2.605	ng/ul	91
33) 4-Chloro-3-methylphenol	11.72	107	72572	3.056	ng/ul	97
34) 2-Methylnaphthalene	12.10	142	213303	3.469	ng/ul	98
35) 1-Methylnaphthalene	12.32	142	226192	3.732	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1,2,4,5-Tetrachlorobenzene	12.48	216	118935	3.524	ng/ul	98
38) Hexachlorocyclopentadiene	12.47	237	47370	2.598	ng/ul	97
39) 2,4,6-Trichlorophenol	12.72	196	50965	2.825	ng/ul	98
40) 2,4,5-Trichlorophenol	12.78	196	55914	2.815	ng/ul	95
41) 1,1'-Biphenyl	13.12	154	284371	3.520	ng/ul	99
42) 2-Chloronaphthalene	13.16	162	226499	3.551	ng/ul	99
43) 2-Nitroaniline	13.36	65	34327	2.681	ng/ul	98
45) Dimethylphthalate	13.75	163	273569	3.574	ng/ul	99
46) 2,6-Dinitrotoluene	13.86	165	34302	2.572	ng/ul	96
48) Acenaphthylene	14.01	152	351979	3.623	ng/ul	99
49) 3-Nitroaniline	14.19	138	37871	2.789	ng/ul	95
50) Acenaphthene	14.36	153	233091	3.511	ng/ul	100
51) 2,4-Dinitrophenol	14.39	184	10545	1.905	ng/ul	96
53) 4-Nitrophenol	14.50	109	30864	3.292	ng/ul	93
54) Dibenzofuran	14.69	168	338851	3.625	ng/ul	98
55) 2,4-Dinitrotoluene	14.65	165	56184	2.861	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	14.92	232	47432	2.955	ng/ul	98
57) Diethylphthalate	15.13	149	244531	3.341	ng/ul	100
59) Fluorene	15.35	166	272173	3.660	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.35	204	141868	3.676	ng/ul	98
61) 4-Nitroaniline	15.35	138	42671	2.783	ng/ul	93
64) 4,6-Dinitro-2-methylphenol	15.42	198	29895	3.058	ng/ul#	66
65) N-Nitrosodiphenylamine	15.56	169	218062	3.421	ng/ul	99
66) 4-Bromophenyl-phenylether	16.25	248	81095	3.323	ng/ul	97
67) Hexachlorobenzene	16.36	284	97386	3.458	ng/ul	96
68) Atrazine	16.52	200	66108	2.877	ng/ul	100
69) Pentachlorophenol	16.70	266	29426	2.158	ng/ul	93
70) Phenanthrene	17.09	178	436591	3.561	ng/ul	100
72) Anthracene	17.17	178	436586	3.605	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.09	216	131157	3.599	ng/uL	98
74) Pentachlorobenzene	14.62	250	118174	3.327	ng/uL	100
75) Carbazole	17.45	167	347808	3.444	ng/ul	99
76) Di-n-butylphthalate	18.03	149	328597	2.957	ng/ul	99
77) Fluoranthene	19.06	202	467626	3.562	ng/ul	98
80) Pyrene	19.41	202	537072	3.431	ng/ul	98
81) Butylbenzylphthalate	20.30	149	114117	2.348	ng/ul	92
82) 3,3'-Dichlorobenzidine	21.06	252	129228	2.596	ng/ul	99
83) Benzo(a)anthracene	21.12	228	513233	3.386	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.08	149	258306	3.208	ng/ul	98
85) Chrysene	21.17	228	503587	3.401	ng/ul	99
87) Di-n-octyl phthalate	21.95	149	331590	2.686	ng/ul	100
88) Benzo(b)fluoranthene	22.68	252	482238	3.324	ng/ul	98
89) Benzo(k)fluoranthene	22.73	252	521515	3.468	ng/ul	99
91) Benzo(a)pyrene	23.25	252	478410	3.519	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.57	276	556653	3.278	ng/ul	99
93) Dibenzo(a,h)anthracene	25.59	278	473483	3.319	ng/ul	99
94) Benzo(g,h,i)perylene	26.25	276	463618	3.211	ng/ul	98

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

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