Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP021820\
Data File : BP001766.D
Acq On : 18 Feb 2020 18:55
Operator : CG/JU
Sample : K5695-02
Misc : MDL-SOIL-02
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MDL-SOIL-02

Quant Time: Feb 19 02:44:17 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	343589	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1410333	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	869226	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.05	188	1880304	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	1968026	20.00	ng/ul	0.00
86) Perylene-d12	23.34	264	2115889	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	43882	5.30	ng/uL	0.00
5) Phenol-d5	6.83	99	875415	33.72	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	517799	34.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	747610	35.63	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	691091	33.56	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	341129	35.73	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	325315	37.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	693831	33.79	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	1021762	42.07	ng/ul	0.00
44) Dimethylphthalate-d6	13.71	166	2167028	35.53	ng/ul	0.00
47) Acenaphthylene-d8	13.98	160	2702777	35.98	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	319785	30.11	ng/ul	0.00
58) Fluorene-d10	15.29	176	1894957	34.54	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	206862	27.90	ng/ul	0.00
71) Anthracene-d10	17.14	188	2888350	34.87	ng/ul	0.00
79) Pyrene-d10	19.39	212	3285472	32.53	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.21	264	3504201	34.29	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	6.80	77	65022	4.092	ng/ul	97
6) Phenol	6.86	94	98864	3.593	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.09	93	80649	3.635	ng/ul	99
10) 2-Chlorophenol	7.23	128	81262	3.661	ng/ul	99
11) 2-Methylphenol	8.10	108	66265	3.181	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.19	45	96544	3.652	ng/ul	99
14) Acetophenone	8.47	105	114161	3.588	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.46	70	51588	3.497	ng/ul	97
16) 4-Methylphenol	8.42	108	78065	3.481	ng/ul	98
17) Hexachloroethane	8.73	117	30955	3.506	ng/ul	97
20) Nitrobenzene	8.84	77	88169	3.726	ng/ul	99
21) Isophorone	9.37	82	140233	3.224	ng/ul	98
23) 2-Nitrophenol	9.55	139	38967	3.767	ng/ul	96
24) 2,4-Dimethylphenol	9.62	107	80487	3.464	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.86	93	101878	3.461	ng/ul	99
27) 2,4-Dichlorophenol	10.08	162	75929	3.603	ng/ul	93
28) Naphthalene	10.48	128	276486	3.669	ng/ul	99
30) 4-Chloroaniline	10.59	127	100382	4.090	ng/ul	96
31) Hexachlorobutadiene	10.79	225	53912	3.618	ng/ul	97
32) Caprolactam	11.35	113	15075	2.368	ng/ul	99
33) 4-Chloro-3-methylphenol	11.72	107	59161	2.949	ng/ul	99
34) 2-Methylnaphthalene	12.10	142	183434	3.531	ng/ul	99
35) 1-Methylnaphthalene	12.32	142	193056	3.771	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	104791	3.701	ng/ul	98
38) Hexachlorocyclopentadiene	12.46	237	41228	2.696	ng/ul	99
39) 2,4,6-Trichlorophenol	12.72	196	42474	2.807	ng/ul	99
40) 2,4,5-Trichlorophenol	12.78	196	46338	2.781	ng/ul	96
41) 1,1'-Biphenyl	13.12	154	246752	3.641	ng/ul	99
42) 2-Chloronaphthalene	13.16	162	193694	3.620	ng/ul	99
43) 2-Nitroaniline	13.36	65	28085	2.615	ng/ul	93
45) Dimethylphthalate	13.76	163	237413	3.698	ng/ul	100
46) 2,6-Dinitrotoluene	13.86	165	28284	2.528	ng/ul	98
48) Acenaphthylene	14.01	152	302747	3.715	ng/ul	99
49) 3-Nitroaniline	14.19	138	30854	2.709	ng/ul	95
50) Acenaphthene	14.36	153	204822	3.679	ng/ul	100
51) 2,4-Dinitrophenol	14.39	184	8189	1.764	ng/ul	92
53) 4-Nitrophenol	14.50	109	26509	3.371	ng/ul	93
54) Dibenzofuran	14.69	168	295281	3.766	ng/ul	98
55) 2,4-Dinitrotoluene	14.65	165	48282	2.931	ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	14.92	232	39504	2.934	ng/ul	99
57) Diethylphthalate	15.13	149	210012	3.421	ng/ul	99
59) Fluorene	15.35	166	239993	3.847	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.35	204	123625	3.819	ng/ul	97
61) 4-Nitroaniline	15.35	138	36780	2.860	ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.42	198	24535	2.968	ng/ul#	66
65) N-Nitrosodiphenylamine	15.56	169	189941	3.523	ng/ul	98
66) 4-Bromophenyl-phenylether	16.25	248	70076	3.395	ng/ul	97
67) Hexachlorobenzene	16.36	284	85126	3.574	ng/ul	99
68) Atrazine	16.52	200	55152	2.838	ng/ul	97
69) Pentachlorophenol	16.70	266	23457	2.034	ng/ul	96
70) Phenanthrene	17.09	178	383390	3.697	ng/ul	99
72) Anthracene	17.17	178	380168	3.712	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.09	216	115026	3.732	ng/uL	99
74) Pentachlorobenzene	14.62	250	101245	3.370	ng/uL	98
75) Carbazole	17.45	167	296613	3.472	ng/ul	99
76) Di-n-butylphthalate	18.03	149	271768	2.891	ng/ul	99
77) Fluoranthene	19.06	202	407430	3.669	ng/ul	98
80) Pyrene	19.41	202	474043	3.541	ng/ul	99
81) Butylbenzylphthalate	20.31	149	97780	2.353	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.06	252	106708	2.507	ng/ul	98
83) Benzo(a)anthracene	21.12	228	453251	3.497	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.08	149	213604	3.102	ng/ul	98
85) Chrysene	21.17	228	450524	3.558	ng/ul	99
87) Di-n-octyl phthalate	21.95	149	261260	2.465	ng/ul	100
88) Benzo(b)fluoranthene	22.68	252	424512	3.410	ng/ul	100
89) Benzo(k)fluoranthene	22.73	252	450692	3.492	ng/ul	99
91) Benzo(a)pyrene	23.25	252	427970	3.668	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.57	276	491645	3.373	ng/ul	99
93) Dibenzo(a,h)anthracene	25.59	278	414629	3.387	ng/ul	98
94) Benzo(g,h,i)perylene	26.24	276	405870	3.276	ng/ul	98

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

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