Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120720\
Data File : BP004180.D
Acq On : 07 Dec 2020 13:38
Operator : CG/JU
Sample : L4485-05
Misc : MDL-SOIL-05
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 07 14:41:50 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP120420.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 07 12:11:35 2020
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-05

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	425842	20.00	ng/ul	0.00
20) Naphthalene-d8	10.65	136	1786849	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.49	164	1107290	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.25	188	2371394	20.00	ng/ul	0.00
79) Chrysene-d12	21.35	240	2394476	20.00	ng/ul	0.00
88) Perylene-d12	23.71	264	2495587	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.35	96	47195	4.26	ng/uL	0.00
4) Pyridine-d5	3.74	84	706174	22.43	ng/ul	0.00
7) Phenol-d5	7.00	99	1109094	29.13	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.18	67	736038	33.44	ng/ul	0.00
11) 2-Chlorophenol-d4	7.38	132	851470	28.74	ng/ul	0.00
15) 4-Methylphenol-d8	8.55	113	885966	29.54	ng/ul	0.00
21) Nitrobenzene-d5	9.00	128	453484	31.13	ng/ul	0.00
24) 2-Nitrophenol-d4	9.72	143	359257	27.01	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.26	165	802523	27.42	ng/ul	0.00
31) 4-Chloroaniline-d4	10.78	131	1225117	28.52	ng/ul	0.00
46) Dimethylphthalate-d6	13.90	166	2670713	30.37	ng/ul	0.00
49) Acenaphthylene-d8	14.19	160	3474385	32.15	ng/ul	0.00
54) 4-Nitrophenol-d4	14.67	143	362468	25.18	ng/ul	0.00
60) Fluorene-d10	15.49	176	2290739	29.79	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.60	200	231689	24.05	ng/ul	-0.01
73) Anthracene-d10	17.35	188	3510075	30.12	ng/ul	0.00
81) Pyrene-d10	19.59	212	3956264	31.41	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.56	264	3853752	28.75	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.38	88	7294	0.607	ng/uL#	90
5) Pyridine	3.76	79	88855	2.791	ng/ul#	57
6) Benzaldehyde	6.99	77	74278	4.391	ng/ul	97
8) Phenol	7.03	94	96050	2.466	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.28	93	88911	2.845	ng/ul	97
12) 2-Chlorophenol	7.41	128	73706	2.461	ng/ul	97
13) 2-Methylphenol	8.28	108	61297	2.068	ng/ul	96
14) 2,2'-oxybis(1-Chloropropan	8.38	45	105246	2.826	ng/ul#	96
16) Acetophenone	8.66	105	124290	2.675	ng/ul	97
17) N-Nitroso-di-n-propylamine	8.65	70	58129	2.382	ng/ul	98
18) 4-Methylphenol	8.60	108	72375	2.291	ng/ul	98
19) Hexachloroethane	8.93	117	32943	2.568	ng/ul	99
22) Nitrobenzene	9.04	77	94060	2.649	ng/ul	95
23) Isophorone	9.57	82	157129	2.190	ng/ul	99
25) 2-Nitrophenol	9.75	139	33547	2.354	ng/ul	94
26) 2,4-Dimethylphenol	9.82	107	74578	2.158	ng/ul	99
27) Bis(2-Chloroethoxy)methane	10.06	93	106518	2.496	ng/ul	99
29) 2,4-Dichlorophenol	10.29	162	68576	2.425	ng/ul#	88
30) Naphthalene	10.69	128	266379	2.666	ng/ul	100
32) 4-Chloroaniline	10.80	127	100529	2.451	ng/ul	98
33) Hexachlorobutadiene	10.99	225	52016	2.563	ng/ul	96
34) Caprolactam	11.57	113	15422m	1.478	ng/ul	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.92	107	52827	1.683	ng/ul	96
36) 2-Methylnaphthalene	12.31	142	177270	2.519	ng/ul	100
37) 1-Methylnaphthalene	12.53	142	169478	2.505	ng/ul	97
39) 1,2,4,5-Tetrachlorobenzene	12.67	216	96717	2.601	ng/ul	98
40) Hexachlorocyclopentadiene	12.66	237	42793	1.841	ng/ul	98
41) 2,4,6-Trichlorophenol	12.92	196	35963	1.680	ng/ul	98
42) 2,4,5-Trichlorophenol	12.98	196	36598	1.587	ng/ul	91
43) 1,1'-Biphenyl	13.32	154	237991	2.688	ng/ul	98
44) 2-Chloronaphthalene	13.36	162	186698	2.659	ng/ul	99
45) 2-Nitroaniline	13.56	65	31398	1.821	ng/ul	88
47) Dimethylphthalate	13.95	163	225806	2.529	ng/ul	99
48) 2,6-Dinitrotoluene	14.06	165	29582	1.826	ng/ul	95
50) Acenaphthylene	14.21	152	278583	2.602	ng/ul	99
51) 3-Nitroaniline	14.39	138	29150	1.928	ng/ul	87
52) Acenaphthene	14.56	153	195754	2.591	ng/ul	98
53) 2,4-Dinitrophenol	14.59	184	7145	1.144	ng/ul	96
55) 4-Nitrophenol	14.69	109	24912	2.301	ng/ul#	76
56) Dibenzofuran	14.89	168	279398	2.668	ng/ul	99
57) 2,4-Dinitrotoluene	14.85	165	42867	1.937	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.12	232	33377	1.774	ng/ul	93
59) Diethylphthalate	15.32	149	195062	2.165	ng/ul	99
61) Fluorene	15.55	166	224960	2.589	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.55	204	116983	2.581	ng/ul	97
63) 4-Nitroaniline	15.55	138	33602	2.350	ng/ul	97
66) 4,6-Dinitro-2-methylphenol	15.62	198	23104	2.149	ng/ul#	85
67) N-Nitrosodiphenylamine	15.76	169	173385	2.376	ng/ul	98
68) 4-Bromophenyl-phenylether	16.45	248	67337	2.372	ng/ul	97
69) Hexachlorobenzene	16.55	284	80161	2.533	ng/ul	95
70) Atrazine	16.71	200	48494	1.701	ng/ul	97
71) Pentachlorophenol	16.90	266	21104	1.396	ng/ul	93
72) Phenanthrene	17.29	178	357956	2.624	ng/ul	99
74) Anthracene	17.39	178	359754	2.589	ng/ul	100
75) 1,2,3,4-Tetrachlorobenzene	13.29	216	96829	2.690	ng/uL	100
76) Pentachlorobenzene	14.81	250	94026	2.584	ng/uL	96
77) Carbazole	17.65	167	266303	2.256	ng/ul	100
78) Di-n-butylphthalate	18.22	149	248173	1.613	ng/ul	100
80) Fluoranthene	19.27	202	374633	2.349	ng/ul	99
82) Pyrene	19.62	202	443030	2.734	ng/ul	98
83) Butylbenzylphthalate	20.50	149	72208	1.097	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.26	252	68412	1.259	ng/ul	95
85) Benzo(a)anthracene	21.33	228	395995	2.458	ng/ul	100
86) Bis(2-ethylhexyl)phthalate	21.27	149	117967	1.188	ng/ul	98
87) Chrysene	21.38	228	396800	2.572	ng/ul	100
89) Di-n-octyl phthalate	22.19	149	165732	1.111	ng/ul	100
90) Benzo(b)fluoranthene	22.99	252	381271	2.373	ng/ul	99
91) Benzo(k)fluoranthene	23.04	252	391633	2.516	ng/ul	99
93) Benzo(a)pyrene	23.60	252	375055	2.541	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.14	276	414035	2.190	ng/ul	98
95) Dibenzo(a,h)anthracene	26.15	278	350299	2.220	ng/ul	99
96) Benzo(g,h,i)perylene	26.87	276	344472	2.172	ng/ul	100

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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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