Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120720\
Data File : BP004178.D
Acq On : 07 Dec 2020 12:26
Operator : CG/JU
Sample : L4485-04
Misc : MDL-SOIL--04
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MDL-SOIL-04

Quant Time: Dec 07 12:54:13 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	427342	20.00	ng/ul	0.00
20) Naphthalene-d8	10.64	136	1807304	20.00	ng/ul	-0.01
38) Acenaphthene-d10	14.49	164	1125901	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.25	188	2435035	20.00	ng/ul	0.00
79) Chrysene-d12	21.35	240	2471874	20.00	ng/ul	0.00
88) Perylene-d12	23.71	264	2589804	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.34	96	53899	4.85	ng/uL	0.00
4) Pyridine-d5	3.74	84	718541	22.74	ng/ul	0.00
7) Phenol-d5	7.00	99	1125734	29.47	ng/ul	-0.01
9) Bis-(2-Chloroethyl)ether-d	7.18	67	743549	33.67	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.38	132	860040	28.93	ng/ul	-0.01
15) 4-Methylphenol-d8	8.54	113	902047	29.97	ng/ul	-0.01
21) Nitrobenzene-d5	9.00	128	460987	31.28	ng/ul	0.00
24) 2-Nitrophenol-d4	9.72	143	361811	26.89	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.26	165	818344	27.64	ng/ul	0.00
31) 4-Chloroaniline-d4	10.77	131	1247401	28.71	ng/ul	-0.01
46) Dimethylphthalate-d6	13.90	166	2755806	30.82	ng/ul	-0.01
49) Acenaphthylene-d8	14.18	160	3548612	32.30	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.67	143	375683	25.67	ng/ul	0.00
60) Fluorene-d10	15.49	176	2362802	30.22	ng/ul	-0.01
65) 4,6-Dinitro-2-methylphenol	15.60	200	238778	24.13	ng/ul	-0.01
73) Anthracene-d10	17.35	188	3626246	30.30	ng/ul	0.00
81) Pyrene-d10	19.59	212	4110802	31.61	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.56	264	4004675	28.79	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.38	88	9417	0.781	ng/uL#	72
5) Pyridine	3.76	79	98143	3.072	ng/ul#	44
6) Benzaldehyde	6.99	77	83026	4.891	ng/ul	99
8) Phenol	7.03	94	106254	2.718	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.27	93	96802	3.086	ng/ul	98
12) 2-Chlorophenol	7.41	128	80480	2.678	ng/ul	96
13) 2-Methylphenol	8.28	108	68332	2.297	ng/ul	98
14) 2,2'-oxybis(1-Chloropropan	8.38	45	115640	3.095	ng/ul	98
16) Acetophenone	8.66	105	137164	2.941	ng/ul	99
17) N-Nitroso-di-n-propylamine	8.65	70	64847	2.648	ng/ul	99
18) 4-Methylphenol	8.60	108	83082	2.620	ng/ul	98
19) Hexachloroethane	8.93	117	37116	2.884	ng/ul	98
22) Nitrobenzene	9.04	77	106306	2.960	ng/ul	98
23) Isophorone	9.56	82	176200	2.428	ng/ul	96
25) 2-Nitrophenol	9.75	139	36769	2.551	ng/ul	96
26) 2,4-Dimethylphenol	9.81	107	84642	2.421	ng/ul	99
27) Bis(2-Chloroethoxy)methane	10.05	93	118855	2.753	ng/ul	100
29) 2,4-Dichlorophenol	10.28	162	75420	2.637	ng/ul#	84
30) Naphthalene	10.69	128	294346	2.913	ng/ul	100
32) 4-Chloroaniline	10.79	127	114879	2.769	ng/ul	98
33) Hexachlorobutadiene	10.99	225	57473	2.800	ng/ul	98
34) Caprolactam	11.57	113	16206	1.536	ng/ul	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.92	107	61913	1.950	ng/ul	100
36) 2-Methylnaphthalene	12.30	142	199286	2.800	ng/ul	99
37) 1-Methylnaphthalene	12.53	142	190030	2.777	ng/ul	100
39) 1,2,4,5-Tetrachlorobenzene	12.68	216	111223	2.942	ng/ul	98
40) Hexachlorocyclopentadiene	12.66	237	48486	2.051	ng/ul	97
41) 2,4,6-Trichlorophenol	12.91	196	41549	1.908	ng/ul	98
42) 2,4,5-Trichlorophenol	12.98	196	43072	1.837	ng/ul	97
43) 1,1'-Biphenyl	13.32	154	265257	2.946	ng/ul	99
44) 2-Chloronaphthalene	13.36	162	211249	2.959	ng/ul	98
45) 2-Nitroaniline	13.56	65	33601	1.917	ng/ul	93
47) Dimethylphthalate	13.95	163	253082	2.788	ng/ul	99
48) 2,6-Dinitrotoluene	14.06	165	32819	1.992	ng/ul	89
50) Acenaphthylene	14.21	152	312553	2.871	ng/ul	99
51) 3-Nitroaniline	14.39	138	34235	2.226	ng/ul	97
52) Acenaphthene	14.56	153	216932	2.824	ng/ul	98
53) 2,4-Dinitrophenol	14.59	184	8720	1.373	ng/ul#	73
55) 4-Nitrophenol	14.69	109	27730	2.519	ng/ul	91
56) Dibenzofuran	14.89	168	309429	2.906	ng/ul	98
57) 2,4-Dinitrotoluene	14.85	165	50666	2.251	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.12	232	36990	1.934	ng/ul#	92
59) Diethylphthalate	15.32	149	224586	2.451	ng/ul	99
61) Fluorene	15.55	166	255225	2.889	ng/ul	98
62) 4-Chlorophenyl-phenylether	15.54	204	130289	2.827	ng/ul	99
63) 4-Nitroaniline	15.55	138	38133	2.623	ng/ul	97
66) 4,6-Dinitro-2-methylphenol	15.61	198	26542	2.404	ng/ul#	56
67) N-Nitrosodiphenylamine	15.75	169	202074	2.697	ng/ul	99
68) 4-Bromophenyl-phenylether	16.44	248	74843	2.568	ng/ul	96
69) Hexachlorobenzene	16.55	284	92921	2.859	ng/ul	97
70) Atrazine	16.71	200	56480	1.929	ng/ul	98
71) Pentachlorophenol	16.89	266	24496	1.578	ng/ul	95
72) Phenanthrene	17.29	178	412245	2.943	ng/ul	98
74) Anthracene	17.39	178	406480	2.848	ng/ul	100
75) 1,2,3,4-Tetrachlorobenzene	13.28	216	110336	2.985	ng/uL	98
76) Pentachlorobenzene	14.81	250	107249	2.871	ng/uL	99
77) Carbazole	17.65	167	309521	2.554	ng/ul	99
78) Di-n-butylphthalate	18.22	149	283438	1.794	ng/ul	99
80) Fluoranthene	19.26	202	430034	2.612	ng/ul	100
82) Pyrene	19.62	202	499305	2.985	ng/ul	99
83) Butylbenzylphthalate	20.50	149	88600	1.304	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.26	252	81110	1.446	ng/ul	98
85) Benzo(a)anthracene	21.33	228	453915	2.730	ng/ul	98
86) Bis(2-ethylhexyl)phthalate	21.27	149	138502	1.351	ng/ul	98
87) Chrysene	21.38	228	460468	2.891	ng/ul	98
89) Di-n-octyl phthalate	22.19	149	196696	1.271	ng/ul	100
90) Benzo(b)fluoranthene	22.99	252	409466	2.455	ng/ul	100
91) Benzo(k)fluoranthene	23.04	252	475711	2.945	ng/ul	98
93) Benzo(a)pyrene	23.60	252	432350	2.823	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.14	276	470772	2.400	ng/ul	99
95) Dibenzo(a,h)anthracene	26.16	278	406027	2.480	ng/ul	99
96) Benzo(g,h,i)perylene	26.87	276	397326	2.414	ng/ul	100

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

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