Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120820\
Data File : BP004195.D
Acq On : 08 Dec 2020 11:49
Operator : CG/JU
Sample : L4485-07
Misc : MDL-SOIL-07
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MDL-SOIL-07

Quant Time: Dec 08 12:17:07 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP120420.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 08 06:09:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	412348	20.00	ng/ul	0.00
20) Naphthalene-d8	10.64	136	1729526	20.00	ng/ul	-0.01
38) Acenaphthene-d10	14.49	164	1056809	20.00	ng/ul	-0.01
64) Phenanthrene-d10	17.25	188	2272639	20.00	ng/ul	0.00
79) Chrysene-d12	21.35	240	2310065	20.00	ng/ul	0.00
88) Perylene-d12	23.70	264	2408099	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.34	96	49007	4.57	ng/uL	0.00
4) Pyridine-d5	3.74	84	752761	24.69	ng/ul	0.00
7) Phenol-d5	7.00	99	1194313	32.40	ng/ul	-0.01
9) Bis-(2-Chloroethyl)ether-d	7.18	67	788970	37.02	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.38	132	921299	32.12	ng/ul	-0.01
15) 4-Methylphenol-d8	8.54	113	964917	33.22	ng/ul	-0.01
21) Nitrobenzene-d5	9.00	128	499012	35.39	ng/ul	0.00
24) 2-Nitrophenol-d4	9.72	143	411568	31.97	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.25	165	874414	30.86	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.77	131	1326128	31.90	ng/ul	-0.01
46) Dimethylphthalate-d6	13.90	166	2892056	34.46	ng/ul	-0.01
49) Acenaphthylene-d8	14.18	160	3751540	36.37	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.67	143	408582	29.74	ng/ul	-0.01
60) Fluorene-d10	15.49	176	2484658	33.85	ng/ul	-0.01
65) 4,6-Dinitro-2-methylphenol	15.60	200	271898	29.44	ng/ul	-0.01
73) Anthracene-d10	17.35	188	3831215	34.30	ng/ul	0.00
81) Pyrene-d10	19.59	212	4291465	35.31	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.56	264	4178407	32.30	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.38	88	9532	0.820	ng/uL#	77
5) Pyridine	3.76	79	101787	3.302	ng/ul#	54
6) Benzaldehyde	6.98	77	85771	5.236	ng/ul	95
8) Phenol	7.03	94	110972	2.942	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.27	93	99508	3.288	ng/ul	96
12) 2-Chlorophenol	7.40	128	82721	2.852	ng/ul	99
13) 2-Methylphenol	8.28	108	72284	2.518	ng/ul	93
14) 2,2'-oxybis(1-Chloropropan	8.38	45	118860	3.296	ng/ul	96
16) Acetophenone	8.66	105	142766	3.173	ng/ul	99
17) N-Nitroso-di-n-propylamine	8.65	70	64995	2.750	ng/ul	97
18) 4-Methylphenol	8.60	108	84297	2.755	ng/ul	97
19) Hexachloroethane	8.92	117	37997	3.059	ng/ul	97
22) Nitrobenzene	9.04	77	108569	3.159	ng/ul	98
23) Isophorone	9.56	82	176691	2.545	ng/ul	99
25) 2-Nitrophenol	9.75	139	40983	2.971	ng/ul	95
26) 2,4-Dimethylphenol	9.81	107	84938	2.539	ng/ul	96
27) Bis(2-Chloroethoxy)methane	10.05	93	123777	2.996	ng/ul	97
29) 2,4-Dichlorophenol	10.28	162	79771	2.915	ng/ul	90
30) Naphthalene	10.69	128	306329	3.168	ng/ul	99
32) 4-Chloroaniline	10.79	127	117655	2.963	ng/ul	98
33) Hexachlorobutadiene	10.98	225	59008	3.004	ng/ul	96
34) Caprolactam	11.57	113	15747	1.559	ng/ul	88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.92	107	60814	2.001	ng/ul	96
36) 2-Methylnaphthalene	12.30	142	205279	3.013	ng/ul	97
37) 1-Methylnaphthalene	12.52	142	198201	3.027	ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	12.67	216	113852	3.208	ng/ul	98
40) Hexachlorocyclopentadiene	12.66	237	52137	2.350	ng/ul	96
41) 2,4,6-Trichlorophenol	12.91	196	41891	2.050	ng/ul	99
42) 2,4,5-Trichlorophenol	12.97	196	46301	2.104	ng/ul	94
43) 1,1'-Biphenyl	13.32	154	272730	3.227	ng/ul	100
44) 2-Chloronaphthalene	13.36	162	218402	3.259	ng/ul	97
45) 2-Nitroaniline	13.56	65	36027	2.190	ng/ul	99
47) Dimethylphthalate	13.95	163	261616	3.070	ng/ul	99
48) 2,6-Dinitrotoluene	14.06	165	35574	2.300	ng/ul	94
50) Acenaphthylene	14.21	152	326799	3.198	ng/ul	100
51) 3-Nitroaniline	14.39	138	36930	2.559	ng/ul	98
52) Acenaphthene	14.55	153	223307	3.097	ng/ul	99
53) 2,4-Dinitrophenol	14.59	184	9373	1.572	ng/ul	93
55) 4-Nitrophenol	14.68	109	28572	2.765	ng/ul#	73
56) Dibenzofuran	14.89	168	320631	3.208	ng/ul	99
57) 2,4-Dinitrotoluene	14.85	165	53712	2.543	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.11	232	39243	2.186	ng/ul	97
59) Diethylphthalate	15.32	149	226266	2.631	ng/ul	97
61) Fluorene	15.54	166	260092	3.136	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.54	204	134301	3.104	ng/ul	96
63) 4-Nitroaniline	15.55	138	39961	2.929	ng/ul	97
66) 4,6-Dinitro-2-methylphenol	15.61	198	27990	2.716	ng/ul#	77
67) N-Nitrosodiphenylamine	15.75	169	205323	2.936	ng/ul	99
68) 4-Bromophenyl-phenylether	16.44	248	76861	2.826	ng/ul	96
69) Hexachlorobenzene	16.55	284	94958	3.130	ng/ul	98
70) Atrazine	16.71	200	55942	2.048	ng/ul	98
71) Pentachlorophenol	16.89	266	25173	1.737	ng/ul	97
72) Phenanthrene	17.29	178	418540	3.202	ng/ul	99
74) Anthracene	17.38	178	418098	3.139	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.28	216	113912	3.302	ng/uL	98
76) Pentachlorobenzene	14.81	250	111060	3.185	ng/uL	99
77) Carbazole	17.65	167	306311	2.708	ng/ul	99
78) Di-n-butylphthalate	18.22	149	284778	1.931	ng/ul	100
80) Fluoranthene	19.26	202	434774	2.825	ng/ul	98
82) Pyrene	19.62	202	508181	3.251	ng/ul	99
83) Butylbenzylphthalate	20.50	149	83165	1.309	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.26	252	75735	1.445	ng/ul	95
85) Benzo(a)anthracene	21.33	228	460048	2.960	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.27	149	136568	1.425	ng/ul	96
87) Chrysene	21.38	228	466407	3.134	ng/ul	99
89) Di-n-octyl phthalate	22.18	149	191162	1.329	ng/ul	100
90) Benzo(b)fluoranthene	22.99	252	420544	2.712	ng/ul	99
91) Benzo(k)fluoranthene	23.03	252	461835	3.075	ng/ul	98
93) Benzo(a)pyrene	23.60	252	439462	3.086	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.13	276	469930	2.576	ng/ul	99
95) Dibenzo(a,h)anthracene	26.15	278	406469	2.670	ng/ul	100
96) Benzo(g,h,i)perylene	26.87	276	393432	2.570	ng/ul	99

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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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