Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120820\
Data File : BP004193.D
Acq On : 08 Dec 2020 10:41
Operator : CG/JU
Sample : L4485-06
Misc : MDL-SOIL-06
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MDL-SOIL-06

Quant Time: Dec 08 11:41:01 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	422220	20.00	ng/ul	0.00
20) Naphthalene-d8	10.65	136	1774838	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.50	164	1102602	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.26	188	2364091	20.00	ng/ul	0.00
79) Chrysene-d12	21.35	240	2392796	20.00	ng/ul	0.00
88) Perylene-d12	23.72	264	2505200	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.35	96	54441	4.95	ng/uL	0.00
4) Pyridine-d5	3.74	84	729793	23.37	ng/ul	0.00
7) Phenol-d5	7.01	99	1244193	32.96	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.18	67	820895	37.62	ng/ul	0.00
11) 2-Chlorophenol-d4	7.38	132	965076	32.86	ng/ul	0.00
15) 4-Methylphenol-d8	8.55	113	994684	33.45	ng/ul	0.00
21) Nitrobenzene-d5	9.00	128	526574	36.39	ng/ul	0.00
24) 2-Nitrophenol-d4	9.73	143	432732	32.75	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.26	165	916636	31.53	ng/ul	0.00
31) 4-Chloroaniline-d4	10.78	131	1393821	32.67	ng/ul	0.00
46) Dimethylphthalate-d6	13.90	166	3037256	34.69	ng/ul	0.00
49) Acenaphthylene-d8	14.19	160	3949351	36.70	ng/ul	0.00
54) 4-Nitrophenol-d4	14.68	143	425888	29.71	ng/ul	0.00
60) Fluorene-d10	15.50	176	2605908	34.03	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.60	200	280877	29.24	ng/ul	0.00
73) Anthracene-d10	17.36	188	3995807	34.39	ng/ul	0.00
81) Pyrene-d10	19.60	212	4485928	35.64	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.57	264	4386661	32.60	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.38	88	7618	0.640	ng/uL#	81
5) Pyridine	3.76	79	85481	2.708	ng/ul#	46
6) Benzaldehyde	6.99	77	73015	4.353	ng/ul	99
8) Phenol	7.03	94	93891	2.431	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.28	93	87225	2.815	ng/ul	95
12) 2-Chlorophenol	7.42	128	70914	2.388	ng/ul	98
13) 2-Methylphenol	8.29	108	58739	1.999	ng/ul	98
14) 2,2'-oxybis(1-Chloropropan	8.39	45	101626	2.753	ng/ul	98
16) Acetophenone	8.67	105	121234	2.631	ng/ul	96
17) N-Nitroso-di-n-propylamine	8.66	70	56451	2.333	ng/ul	98
18) 4-Methylphenol	8.61	108	72696	2.321	ng/ul	97
19) Hexachloroethane	8.93	117	32009	2.517	ng/ul	87
22) Nitrobenzene	9.05	77	96789	2.744	ng/ul	99
23) Isophorone	9.57	82	150751	2.116	ng/ul	98
25) 2-Nitrophenol	9.76	139	34943	2.468	ng/ul	95
26) 2,4-Dimethylphenol	9.82	107	74161	2.160	ng/ul	99
27) Bis(2-Chloroethoxy)methane	10.06	93	106650	2.516	ng/ul	95
29) 2,4-Dichlorophenol	10.29	162	66703	2.375	ng/ul	90
30) Naphthalene	10.70	128	258643	2.606	ng/ul	99
32) 4-Chloroaniline	10.80	127	102514	2.516	ng/ul	97
33) Hexachlorobutadiene	10.99	225	50708	2.516	ng/ul	98
34) Caprolactam	11.58	113	14264	1.376	ng/ul	97

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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.92	107	51307	1.645	ng/ul	94
36) 2-Methylnaphthalene	12.32	142	175361	2.509	ng/ul	98
37) 1-Methylnaphthalene	12.53	142	169157	2.517	ng/ul	97
39) 1,2,4,5-Tetrachlorobenzene	12.68	216	98535	2.661	ng/ul	99
40) Hexachlorocyclopentadiene	12.67	237	44814	1.936	ng/ul	99
41) 2,4,6-Trichlorophenol	12.92	196	35139	1.648	ng/ul	99
42) 2,4,5-Trichlorophenol	12.99	196	39487	1.720	ng/ul	96
43) 1,1'-Biphenyl	13.33	154	234466	2.659	ng/ul	99
44) 2-Chloronaphthalene	13.37	162	185232	2.649	ng/ul	98
45) 2-Nitroaniline	13.56	65	30359	1.768	ng/ul	95
47) Dimethylphthalate	13.95	163	224228	2.522	ng/ul	99
48) 2,6-Dinitrotoluene	14.07	165	29922	1.855	ng/ul	96
50) Acenaphthylene	14.22	152	278246	2.610	ng/ul	99
51) 3-Nitroaniline	14.39	138	29396	1.952	ng/ul	96
52) Acenaphthene	14.56	153	191690	2.548	ng/ul	99
53) 2,4-Dinitrophenol	14.59	184	7278	1.170	ng/ul#	86
55) 4-Nitrophenol	14.69	109	23752	2.203	ng/ul#	83
56) Dibenzofuran	14.90	168	275498	2.642	ng/ul	98
57) 2,4-Dinitrotoluene	14.85	165	45901	2.083	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.12	232	32929	1.758	ng/ul	99
59) Diethylphthalate	15.33	149	189126	2.108	ng/ul	99
61) Fluorene	15.55	166	222782	2.575	ng/ul	100
62) 4-Chlorophenyl-phenylether	15.55	204	117338	2.600	ng/ul	98
63) 4-Nitroaniline	15.56	138	32320	2.270	ng/ul	99
66) 4,6-Dinitro-2-methylphenol	15.62	198	24569	2.292	ng/ul#	48
67) N-Nitrosodiphenylamine	15.76	169	173484	2.385	ng/ul	97
68) 4-Bromophenyl-phenylether	16.45	248	65453	2.313	ng/ul	98
69) Hexachlorobenzene	16.56	284	80084	2.538	ng/ul	95
70) Atrazine	16.72	200	46762	1.645	ng/ul	98
71) Pentachlorophenol	16.90	266	20423	1.355	ng/ul	97
72) Phenanthrene	17.30	178	358025	2.633	ng/ul	99
74) Anthracene	17.39	178	358916	2.591	ng/ul	100
75) 1,2,3,4-Tetrachlorobenzene	13.29	216	96794	2.697	ng/uL	96
76) Pentachlorobenzene	14.82	250	95681	2.638	ng/uL	95
77) Carbazole	17.66	167	261918	2.226	ng/ul	100
78) Di-n-butylphthalate	18.23	149	238165	1.553	ng/ul	98
80) Fluoranthene	19.27	202	369861	2.320	ng/ul	99
82) Pyrene	19.62	202	437600	2.703	ng/ul	97
83) Butylbenzylphthalate	20.50	149	68125	1.036	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.27	252	59459	1.095	ng/ul	97
85) Benzo(a)anthracene	21.33	228	386081	2.399	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.27	149	107325	1.081	ng/ul	97
87) Chrysene	21.39	228	396033	2.569	ng/ul	99
89) Di-n-octyl phthalate	22.19	149	155981	1.042	ng/ul	100
90) Benzo(b)fluoranthene	23.00	252	361809	2.243	ng/ul	99
91) Benzo(k)fluoranthene	23.04	252	387065	2.477	ng/ul	98
93) Benzo(a)pyrene	23.62	252	364263	2.459	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.14	276	393940	2.076	ng/ul	99
95) Dibenzo(a,h)anthracene	26.17	278	339058	2.141	ng/ul	100
96) Benzo(g,h,i)perylene	26.89	276	331836	2.084	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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