Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP031821\
Data File : BP004996.D
Acq On : 18 Mar 2021 11:53
Operator : CG/JU
Sample : M1344-02
Misc : SFAM-MDL-S-01
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MDL-SOIL-QT2-2021-03

Quant Time: Mar 18 12:24:53 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP031721.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 18 10:42:23 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	41545	20.00	ng/ul	0.00
20) Naphthalene-d8	10.52	136	165699	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.38	164	111938	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.14	188	258659	20.00	ng/ul	0.00
79) Chrysene-d12	21.23	240	294106	20.00	ng/ul	0.00
88) Perylene-d12	23.52	264	288830	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	4708	4.48	ng/uL	0.00
4) Pyridine-d5	3.64	84	62104	24.22	ng/ul	0.00
7) Phenol-d5	6.90	99	105870	31.38	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.06	67	57986	32.60	ng/ul	0.00
11) 2-Chlorophenol-d4	7.26	132	94098	34.69	ng/ul	0.00
15) 4-Methylphenol-d8	8.44	113	85828	32.08	ng/ul	0.00
21) Nitrobenzene-d5	8.89	128	44412	35.06	ng/ul	0.00
24) 2-Nitrophenol-d4	9.60	143	51953	36.27	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.14	165	94762	34.40	ng/ul	0.00
31) 4-Chloroaniline-d4	10.66	131	119442	31.89	ng/ul	0.00
46) Dimethylphthalate-d6	13.79	166	310877	36.36	ng/ul	0.00
49) Acenaphthylene-d8	14.07	160	373381	37.40	ng/ul	0.00
54) 4-Nitrophenol-d4	14.59	143	46318	30.80	ng/ul	0.00
60) Fluorene-d10	15.38	176	275837	37.28	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.50	200	56213	31.13	ng/ul	0.00
73) Anthracene-d10	17.24	188	426672	35.07	ng/ul	0.00
81) Pyrene-d10	19.48	212	508103	34.77	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.37	264	593678	38.21	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.27	88	1632	1.498	ng/uL#	78
5) Pyridine	3.66	79	9926	3.751	ng/ul#	54
6) Benzaldehyde	6.88	77	8934	5.094	ng/ul	98
8) Phenol	6.93	94	15032	4.271	ng/ul	92
10) Bis(2-Chloroethyl)ether	7.16	93	11386	4.257	ng/ul	89
12) 2-Chlorophenol	7.30	128	13199	4.653	ng/ul	93
13) 2-Methylphenol	8.18	108	11390	4.250	ng/ul	93
14) 2,2'-oxybis(1-Chloropropan	8.26	45	10497	3.949	ng/ul#	83
16) Acetophenone	8.55	105	18731	4.260	ng/ul	96
17) N-Nitroso-di-n-propylamine	8.53	70	8784	4.304	ng/ul	91
18) 4-Methylphenol	8.50	108	12479	4.372	ng/ul	87
19) Hexachloroethane	8.80	117	5187	4.229	ng/ul#	92
22) Nitrobenzene	8.93	77	14151	4.378	ng/ul	96
23) Isophorone	9.45	82	23751	4.151	ng/ul	95
25) 2-Nitrophenol	9.63	139	7521	4.819	ng/ul	95
26) 2,4-Dimethylphenol	9.70	107	14191m	4.339	ng/ul	
27) Bis(2-Chloroethoxy)methane	9.93	93	14763	4.337	ng/ul	96
29) 2,4-Dichlorophenol	10.17	162	13526	4.991	ng/ul	97
30) Naphthalene	10.57	128	42908	4.700	ng/ul	97
32) 4-Chloroaniline	10.69	127	17128	4.520	ng/ul	97
33) Hexachlorobutadiene	10.85	225	9756	4.761	ng/ul	98
34) Caprolactam	11.49	113	3696m	4.129	ng/ul	

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35) 4-Chloro-3-methylphenol	11.82	107	11957	4.153	ng/ul	99
36) 2-Methylnaphthalene	12.19	142	30917	4.820	ng/ul	96
37) 1-Methylnaphthalene	12.41	142	29198	4.517	ng/ul	96
39) 1,2,4,5-Tetrachlorobenzene	12.56	216	19303	4.797	ng/ul	99
40) Hexachlorocyclopentadiene	12.54	237	10205	3.995	ng/ul#	86
41) 2,4,6-Trichlorophenol	12.80	196	10897	4.368	ng/ul#	93
42) 2,4,5-Trichlorophenol	12.87	196	12155	4.519	ng/ul	96
43) 1,1'-Biphenyl	13.21	154	41136	4.617	ng/ul	97
44) 2-Chloronaphthalene	13.25	162	31988	4.564	ng/ul#	92
45) 2-Nitroaniline	13.46	65	6269m	3.369	ng/ul	
47) Dimethylphthalate	13.84	163	42221	4.799	ng/ul	99
48) 2,6-Dinitrotoluene	13.96	165	7672	4.305	ng/ul	89
50) Acenaphthylene	14.10	152	46991	4.588	ng/ul#	96
51) 3-Nitroaniline	14.29	138	6121	3.698	ng/ul	91
52) Acenaphthene	14.45	153	33670	4.584	ng/ul	97
53) 2,4-Dinitrophenol	14.50	184	3865	3.308	ng/ul#	77
55) 4-Nitrophenol	14.60	109	5544m	3.914	ng/ul	
56) Dibenzofuran	14.78	168	50583	4.781	ng/ul	100
57) 2,4-Dinitrotoluene	14.75	165	11112	4.411	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.01	232	11524	4.802	ng/ul#	91
59) Diethylphthalate	15.22	149	39413	4.569	ng/ul	99
61) Fluorene	15.43	166	41462	4.741	ng/ul	98
62) 4-Chlorophenyl-phenylether	15.43	204	23156	4.882	ng/ul	95
63) 4-Nitroaniline	15.46	138	6839	4.205	ng/ul	94
66) 4,6-Dinitro-2-methylphenol	15.52	198	8493	4.675	ng/ul#	91
67) N-Nitrosodiphenylamine	15.65	169	35281	4.542	ng/ul	100
68) 4-Bromophenyl-phenylether	16.33	248	15411	5.077	ng/ul	85
69) Hexachlorobenzene	16.44	284	18265	5.362	ng/ul	95
70) Atrazine	16.60	200	13114	4.157	ng/ul	98
71) Pentachlorophenol	16.79	266	9084	4.059	ng/ul	95
72) Phenanthrene	17.18	178	67378	4.587	ng/ul	98
74) Anthracene	17.27	178	68087	4.589	ng/ul	97
75) 1,2,3,4-Tetrachlorobenzene	13.17	216	19852	4.568	ng/uL	89
76) Pentachlorobenzene	14.70	250	18332	4.206	ng/uL	95
77) Carbazole	17.55	167	53870	4.135	ng/ul	98
78) Di-n-butylphthalate	18.10	149	59916	4.036	ng/ul	99
80) Fluoranthene	19.16	202	79895	4.354	ng/ul#	93
82) Pyrene	19.51	202	86853	4.577	ng/ul#	96
83) Butylbenzylphthalate	20.39	149	24964	3.657	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.15	252	23490	3.476	ng/ul	97
85) Benzo(a)anthracene	21.22	228	88900	4.682	ng/ul	98
86) Bis(2-ethylhexyl)phthalate	21.14	149	38521	3.699	ng/ul#	96
87) Chrysene	21.26	228	86794	4.660	ng/ul	98
89) Di-n-octyl phthalate	22.03	149	65513	3.536	ng/ul	100
90) Benzo(b)fluoranthene	22.82	252	90333	4.664	ng/ul	99
91) Benzo(k)fluoranthene	22.87	252	91625	4.770	ng/ul	100
93) Benzo(a)pyrene	23.42	252	80340	4.719	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	25.86	276	102047	4.744	ng/ul	98
95) Dibenzo(a,h)anthracene	25.88	278	88602	4.925	ng/ul	95
96) Benzo(g,h,i)perylene	26.58	276	87490	4.840	ng/ul	93

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