Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP031921\
Data File : BP005005.D
Acq On : 19 Mar 2021 11:13
Operator : CG/JU
Sample : M1344-04
Misc : SFAM-MDL-S-02
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 19 11:44:25 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP031721.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 19 09:59:18 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT2-2021-04

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	39650	20.00	ng/ul	0.00
20) Naphthalene-d8	10.52	136	161217	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.38	164	106094	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.14	188	237149	20.00	ng/ul	0.00
79) Chrysene-d12	21.23	240	263652	20.00	ng/ul	0.00
88) Perylene-d12	23.52	264	260337	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	4160	4.15	ng/uL	0.00
4) Pyridine-d5	3.64	84	64588	26.39	ng/ul	0.00
7) Phenol-d5	6.90	99	101785	31.61	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.06	67	55758	32.84	ng/ul	0.00
11) 2-Chlorophenol-d4	7.26	132	90045	34.78	ng/ul	0.00
15) 4-Methylphenol-d8	8.43	113	82769	32.41	ng/ul	0.00
21) Nitrobenzene-d5	8.88	128	42728	34.67	ng/ul	0.00
24) 2-Nitrophenol-d4	9.60	143	51511	36.96	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.14	165	90183	33.65	ng/ul	0.00
31) 4-Chloroaniline-d4	10.66	131	117657	32.28	ng/ul	0.00
46) Dimethylphthalate-d6	13.79	166	291604	35.99	ng/ul	0.00
49) Acenaphthylene-d8	14.07	160	353724	37.38	ng/ul	0.00
54) 4-Nitrophenol-d4	14.59	143	46147	32.38	ng/ul	0.00
60) Fluorene-d10	15.38	176	253503	36.15	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.50	200	54337	32.82	ng/ul	0.00
73) Anthracene-d10	17.23	188	399153	35.78	ng/ul	0.00
81) Pyrene-d10	19.48	212	462776	35.33	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.37	264	538051	38.42	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	1125	1.082	ng/uL	97
5) Pyridine	3.66	79	9012	3.568	ng/ul#	43
6) Benzaldehyde	6.88	77	8715	5.207	ng/ul	92
8) Phenol	6.93	94	14726	4.384	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.16	93	11210	4.391	ng/ul	98
12) 2-Chlorophenol	7.29	128	11722	4.330	ng/ul	96
13) 2-Methylphenol	8.17	108	11053	4.321	ng/ul	93
14) 2,2'-oxybis(1-Chloropropan	8.26	45	10828	4.268	ng/ul#	91
16) Acetophenone	8.55	105	18456	4.398	ng/ul	96
17) N-Nitroso-di-n-propylamine	8.54	70	8501	4.364	ng/ul	90
18) 4-Methylphenol	8.50	108	11998	4.405	ng/ul	93
19) Hexachloroethane	8.80	117	5141	4.392	ng/ul	95
22) Nitrobenzene	8.93	77	13791	4.385	ng/ul	97
23) Isophorone	9.45	82	23399	4.203	ng/ul	94
25) 2-Nitrophenol	9.64	139	7029	4.629	ng/ul#	87
26) 2,4-Dimethylphenol	9.70	107	13576	4.267	ng/ul	95
27) Bis(2-Chloroethoxy)methane	9.94	93	14048	4.241	ng/ul	96
29) 2,4-Dichlorophenol	10.16	162	12655	4.800	ng/ul	95
30) Naphthalene	10.56	128	41886	4.715	ng/ul	99
32) 4-Chloroaniline	10.68	127	16755	4.544	ng/ul	90
33) Hexachlorobutadiene	10.85	225	9795	4.913	ng/ul	98
34) Caprolactam	11.49	113	3401m	3.905	ng/ul	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.81	107	12050	4.301	ng/ul	98
36) 2-Methylnaphthalene	12.19	142	29483	4.724	ng/ul	100
37) 1-Methylnaphthalene	12.40	142	27958	4.446	ng/ul	96
39) 1,2,4,5-Tetrachlorobenzene	12.56	216	18073	4.739	ng/ul	95
40) Hexachlorocyclopentadiene	12.53	237	8793	3.632	ng/ul	93
41) 2,4,6-Trichlorophenol	12.80	196	10514	4.446	ng/ul	94
42) 2,4,5-Trichlorophenol	12.88	196	10883	4.269	ng/ul	89
43) 1,1'-Biphenyl	13.20	154	39716	4.703	ng/ul	97
44) 2-Chloronaphthalene	13.25	162	30911	4.653	ng/ul	97
45) 2-Nitroaniline	13.46	65	6076	3.445	ng/ul	93
47) Dimethylphthalate	13.84	163	39400	4.725	ng/ul	100
48) 2,6-Dinitrotoluene	13.96	165	7283	4.312	ng/ul	95
50) Acenaphthylene	14.10	152	44343	4.568	ng/ul	97
51) 3-Nitroaniline	14.29	138	6045	3.853	ng/ul	90
52) Acenaphthene	14.45	153	32932	4.730	ng/ul	89
53) 2,4-Dinitrophenol	14.50	184	3861	3.487	ng/ul	87
55) 4-Nitrophenol	14.60	109	5542	4.128	ng/ul	95
56) Dibenzofuran	14.78	168	48164	4.803	ng/ul	97
57) 2,4-Dinitrotoluene	14.75	165	10527	4.409	ng/ul#	94
58) 2,3,4,6-Tetrachlorophenol	15.01	232	10924	4.802	ng/ul	94
59) Diethylphthalate	15.21	149	37236	4.554	ng/ul	99
61) Fluorene	15.43	166	39512	4.767	ng/ul	96
62) 4-Chlorophenyl-phenylether	15.43	204	22256	4.951	ng/ul	91
63) 4-Nitroaniline	15.46	138	6940m	4.502	ng/ul	
66) 4,6-Dinitro-2-methylphenol	15.51	198	7861	4.720	ng/ul#	80
67) N-Nitrosodiphenylamine	15.65	169	33018	4.637	ng/ul	95
68) 4-Bromophenyl-phenylether	16.33	248	13288	4.774	ng/ul	97
69) Hexachlorobenzene	16.44	284	15533	4.974	ng/ul	96
70) Atrazine	16.60	200	12622	4.364	ng/ul	99
71) Pentachlorophenol	16.79	266	8631	4.206	ng/ul	96
72) Phenanthrene	17.18	178	63208	4.693	ng/ul	98
74) Anthracene	17.27	178	63129	4.640	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.17	216	18011	4.520	ng/uL	99
76) Pentachlorobenzene	14.70	250	17039	4.264	ng/uL	98
77) Carbazole	17.55	167	51299	4.295	ng/ul	99
78) Di-n-butylphthalate	18.10	149	57358	4.215	ng/ul	97
80) Fluoranthene	19.15	202	71942	4.374	ng/ul	98
82) Pyrene	19.51	202	79422	4.669	ng/ul	97
83) Butylbenzylphthalate	20.39	149	25738	4.206	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.15	252	21202	3.499	ng/ul	90
85) Benzo(a)anthracene	21.22	228	80980	4.758	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.14	149	38529	4.127	ng/ul#	93
87) Chrysene	21.26	228	79541	4.764	ng/ul	98
89) Di-n-octyl phthalate	22.03	149	63727	3.816	ng/ul	100
90) Benzo(b)fluoranthene	22.82	252	84510	4.841	ng/ul	98
91) Benzo(k)fluoranthene	22.87	252	81475	4.705	ng/ul	99
93) Benzo(a)pyrene	23.42	252	72594	4.731	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	25.86	276	91244	4.706	ng/ul	98
95) Dibenzo(a,h)anthracene	25.87	278	75630	4.664	ng/ul	96
96) Benzo(g,h,i)perylene	26.57	276	78518	4.819	ng/ul#	94

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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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