Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030421\
Data File : BN013826.D
Acq On : 04 Mar 2021 11:05
Operator : CG/JU
Sample : SSTD01052
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD01052

Quant Time: Mar 04 13:03:00 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030421MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 04 12:54:17 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	157162	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	631461	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.36	164	361514	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.10	188	740505	20.00	ng/ul	0.00
78) Chrysene-d12	21.28	240	718863	20.00	ng/ul	0.00
86) Perylene-d12	23.51	264	712698	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	15809	4.32	ng/uL	0.00
5) Phenol-d5	6.89	99	118103	10.12	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	79025	11.76	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	93417	9.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	88560	9.53	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	39302	9.19	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	35375	8.02	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	82586	9.46	ng/ul	0.00
29) 4-Chloroaniline-d4	10.64	131	110994	10.59	ng/ul	0.00
44) Dimethylphthalate-d6	13.77	166	240210	9.92	ng/ul	0.00
47) Acenaphthylene-d8	14.05	160	316250	9.94	ng/ul	0.00
52) 4-Nitrophenol-d4	14.55	143	37391	7.96	ng/ul	0.00
58) Fluorene-d10	15.35	176	216761	10.21	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.46	200	25568	6.46	ng/ul	0.00
71) Anthracene-d10	17.20	188	318954	9.93	ng/ul	0.00
79) Pyrene-d10	19.49	212	351265	10.28	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.37	264	346948	9.97	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	15620	4.221	ng/uL	98
4) Benzaldehyde	6.87	77	79727	13.433	ng/ul	92
6) Phenol	6.92	94	131514	10.614	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.15	93	106268	10.986	ng/ul	99
10) 2-Chlorophenol	7.29	128	99971	9.672	ng/ul	99
11) 2-Methylphenol	8.16	108	91611	9.935	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.25	45	166776	12.001	ng/ul	98
14) Acetophenone	8.53	105	155876	10.606	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.52	70	74535	10.947	ng/ul	99
16) 4-Methylphenol	8.48	108	101036	10.004	ng/ul	99
17) Hexachloroethane	8.80	117	43291	10.650	ng/ul	95
20) Nitrobenzene	8.92	77	114594	11.492	ng/ul	98
21) Isophorone	9.43	82	191976	10.972	ng/ul	99
23) 2-Nitrophenol	9.62	139	42892	8.444	ng/ul	98
24) 2,4-Dimethylphenol	9.68	107	108143	10.386	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.92	93	134599	10.921	ng/ul	98
27) 2,4-Dichlorophenol	10.15	162	88387	9.880	ng/ul	97
28) Naphthalene	10.56	128	328661	10.145	ng/ul	99
30) 4-Chloroaniline	10.66	127	118116	10.990	ng/ul	96
31) Hexachlorobutadiene	10.85	225	57782	10.519	ng/ul	99
32) Caprolactam	11.40	113	19985	7.481	ng/ul	94
33) 4-Chloro-3-methylphenol	11.79	107	86625	9.496	ng/ul	95
34) 2-Methylnaphthalene	12.17	142	220730	9.752	ng/ul	99

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35) 1-Methylnaphthalene	12.39	142	215113	9.841 ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.54	216	111820	11.006 ng/ul	96
38) Hexachlorocyclopentadiene	12.52	237	60375	9.703 ng/ul	93
39) 2,4,6-Trichlorophenol	12.78	196	59928	9.735 ng/ul	96
40) 2,4,5-Trichlorophenol	12.85	196	64431	9.307 ng/ul	97
41) 1,1'-Biphenyl	13.19	154	274881	10.048 ng/ul	100
42) 2-Chloronaphthalene	13.23	162	217154	10.254 ng/ul	98
43) 2-Nitroaniline	13.43	65	48801	9.777 ng/ul	96
45) Dimethylphthalate	13.82	163	251738	10.001 ng/ul	99
46) 2,6-Dinitrotoluene	13.93	165	40550	8.471 ng/ul	98
48) Acenaphthylene	14.08	152	314354	10.090 ng/ul	99
49) 3-Nitroaniline	14.26	138	40436	8.389 ng/ul	99
50) Acenaphthene	14.42	153	231079	10.251 ng/ul	98
51) 2,4-Dinitrophenol	14.46	184	15416	5.659 ng/ul	98
53) 4-Nitrophenol	14.56	109	32015	9.282 ng/ul	93
54) Dibenzofuran	14.76	168	317562	10.141 ng/ul	99
55) 2,4-Dinitrotoluene	14.72	165	58892	8.366 ng/ul	95
56) 2,3,4,6-Tetrachlorophenol	14.98	232	49609	9.124 ng/ul	99
57) Diethylphthalate	15.19	149	246767	9.972 ng/ul	99
59) Fluorene	15.41	166	257043	10.251 ng/ul	98
60) 4-Chlorophenyl-phenylether	15.40	204	122794	10.285 ng/ul	96
61) 4-Nitroaniline	15.42	138	48017	8.878 ng/ul	94
64) 4,6-Dinitro-2-methylphenol	15.48	198	27768	6.782 ng/ul#	98
65) N-Nitrosodiphenylamine	15.62	169	212964	9.959 ng/ul	98
66) 4-Bromophenyl-phenylether	16.30	248	68719	9.646 ng/ul	94
67) Hexachlorobenzene	16.41	284	85846	10.513 ng/ul	100
68) Atrazine	16.57	200	67772	9.369 ng/ul	91
69) Pentachlorophenol	16.75	266	33955	7.347 ng/ul	98
70) Phenanthrene	17.15	178	404717	10.183 ng/ul	98
72) Anthracene	17.23	178	403309	10.028 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.15	216	109226	10.613 ng/uL	97
74) Pentachlorobenzene	14.67	250	103761	10.389 ng/uL	96
75) Carbazole	17.50	167	356834	10.188 ng/ul	99
76) Di-n-butylphthalate	18.07	149	379230	9.649 ng/ul	99
77) Fluoranthene	19.16	202	432320	10.251 ng/ul#	95
80) Pyrene	19.52	202	483410	10.681 ng/ul	98
81) Butylbenzylphthalate	20.43	149	139620	8.685 ng/ul	99
82) 3,3'-Dichlorobenzidine	21.20	252	119879	9.341 ng/ul	95
83) Benzo(a)anthracene	21.26	228	453778	10.506 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.20	149	256480	10.199 ng/ul#	98
85) Chrysene	21.32	228	439476	10.268 ng/ul	100
87) Di-n-octyl phthalate	22.09	149	371347	8.893 ng/ul	100
88) Benzo(b)fluoranthene	22.84	252	442444	10.282 ng/ul	96
89) Benzo(k)fluoranthene	22.89	252	427954	10.228 ng/ul	96
91) Benzo(a)pyrene	23.41	252	393520	10.421 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.75	276	481208	9.940 ng/ul#	92
93) Dibenzo(a,h)anthracene	25.77	278	408883	10.029 ng/ul	98
94) Benzo(g,h,i)perylene	26.44	276	405590	9.955 ng/ul	98

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

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