Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN010521\
Data File : BN013327.D
Acq On : 05 Jan 2021 17:58
Operator : CG/JU
Sample : SSTD01052
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD010521

Quant Time: Jan 06 00:50:15 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN010521.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 06 00:47:21 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	285090	20.00	ng/ul	0.00
20) Naphthalene-d8	10.37	136	1161681	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.24	164	690889	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.99	188	1421931	20.00	ng/ul	0.00
79) Chrysene-d12	21.19	240	1401926	20.00	ng/ul	0.00
88) Perylene-d12	23.37	264	1497724	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.21	96	28368	3.58	ng/uL	0.00
4) Pyridine-d5	3.60	84	180273	8.43	ng/ul	0.00
7) Phenol-d5	6.79	99	228667	8.96	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.96	67	134726	8.46	ng/ul	0.00
11) 2-Chlorophenol-d4	7.15	132	196885	9.81	ng/ul	0.00
15) 4-Methylphenol-d8	8.31	113	184764	8.89	ng/ul	0.00
21) Nitrobenzene-d5	8.75	128	87752	9.44	ng/ul	0.00
24) 2-Nitrophenol-d4	9.47	143	84622	8.25	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.00	165	179280	9.20	ng/ul	0.00
31) 4-Chloroaniline-d4	10.51	131	269829	9.90	ng/ul	0.00
46) Dimethylphthalate-d6	13.66	166	542092	9.65	ng/ul	0.00
49) Acenaphthylene-d8	13.93	160	658528	10.05	ng/ul	0.00
54) 4-Nitrophenol-d4	14.44	143	88076	8.86	ng/ul	0.00
60) Fluorene-d10	15.24	176	477318	10.06	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.35	200	48756	5.02	ng/ul	0.00
73) Anthracene-d10	17.09	188	700699	9.86	ng/ul	0.00
81) Pyrene-d10	19.39	212	754068	10.79	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.24	264	778755	9.62	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.24	88	29390	3.569	ng/uL	96
5) Pyridine	3.62	79	184759	8.382	ng/ul	95
6) Benzaldehyde	6.77	77	104656	9.139	ng/ul	98
8) Phenol	6.82	94	237759	8.928	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.05	93	192572	9.094	ng/ul	96
12) 2-Chlorophenol	7.18	128	200867	9.724	ng/ul	99
13) 2-Methylphenol	8.05	108	181733	9.176	ng/ul	98
14) 2,2'-oxybis(1-Chloropropan	8.15	45	276893	9.274	ng/ul	98
16) Acetophenone	8.42	105	285924	8.283	ng/ul	97
17) N-Nitroso-di-n-propylamine	8.42	70	134966	7.542	ng/ul	98
18) 4-Methylphenol	8.38	108	192761	8.936	ng/ul	100
19) Hexachloroethane	8.68	117	81244	8.182	ng/ul	95
22) Nitrobenzene	8.79	77	204147	7.577	ng/ul	99
23) Isophorone	9.32	82	379337	8.032	ng/ul	98
25) 2-Nitrophenol	9.50	139	96678	8.633	ng/ul	95
26) 2,4-Dimethylphenol	9.57	107	208993	8.627	ng/ul	99
27) Bis(2-Chloroethoxy)methane	9.80	93	253151	9.306	ng/ul	99
29) 2,4-Dichlorophenol	10.03	162	181575	9.441	ng/ul	98
30) Naphthalene	10.43	128	668421	10.124	ng/ul	99
32) 4-Chloroaniline	10.53	127	262424	9.876	ng/ul	99
33) Hexachlorobutadiene	10.72	225	114596	8.759	ng/ul	94
34) Caprolactam	11.30	113	53715	8.560	ng/ul	97

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35) 4-Chloro-3-methylphenol	11.66	107	192872	8.736 ng/ul	95
36) 2-Methylnaphthalene	12.05	142	450580	9.676 ng/ul	100
37) 1-Methylnaphthalene	12.26	142	434201	9.673 ng/ul	98
39) 1,2,4,5-Tetrachlorobenzene	12.42	216	216815	9.974 ng/ul	97
40) Hexachlorocyclopentadiene	12.40	237	101256	7.639 ng/ul	98
41) 2,4,6-Trichlorophenol	12.66	196	132154	9.545 ng/ul	99
42) 2,4,5-Trichlorophenol	12.73	196	142330	9.432 ng/ul	99
43) 1,1'-Biphenyl	13.07	154	571697	10.199 ng/ul	99
44) 2-Chloronaphthalene	13.10	162	452478	10.213 ng/ul	97
45) 2-Nitroaniline	13.31	65	104171	7.179 ng/ul	96
47) Dimethylphthalate	13.71	163	554000	9.631 ng/ul	99
48) 2,6-Dinitrotoluene	13.82	165	94941	8.342 ng/ul	91
50) Acenaphthylene	13.96	152	683587	10.152 ng/ul	99
51) 3-Nitroaniline	14.14	138	89973	9.677 ng/ul	92
52) Acenaphthene	14.30	153	489617	9.929 ng/ul	99
53) 2,4-Dinitrophenol	14.35	184	28273	4.021 ng/ul#	84
55) 4-Nitrophenol	14.45	109	70439	6.784 ng/ul	96
56) Dibenzofuran	14.64	168	666777	9.781 ng/ul	98
57) 2,4-Dinitrotoluene	14.60	165	134396	8.101 ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.87	232	116596	8.920 ng/ul	99
59) Diethylphthalate	15.09	149	561011	9.395 ng/ul	100
61) Fluorene	15.29	166	548080	9.513 ng/ul	100
62) 4-Chlorophenyl-phenylether	15.30	204	266648	9.717 ng/ul	98
63) 4-Nitroaniline	15.30	138	90376	9.612 ng/ul	93
66) 4,6-Dinitro-2-methylphenol	15.36	198	57864	5.515 ng/ul#	96
67) N-Nitrosodiphenylamine	15.51	169	459572	10.390 ng/ul	99
68) 4-Bromophenyl-phenylether	16.19	248	158006	9.845 ng/ul	93
69) Hexachlorobenzene	16.29	284	180664	9.591 ng/ul	96
70) Atrazine	16.47	200	161305	9.338 ng/ul	96
71) Pentachlorophenol	16.64	266	87104	7.538 ng/ul	98
72) Phenanthrene	17.03	178	862168	9.945 ng/ul	100
74) Anthracene	17.12	178	881974	10.032 ng/ul	98
75) 1,2,3,4-Tetrachlorobenzene	13.03	216	210809	10.352 ng/uL	98
76) Pentachlorobenzene	14.56	250	209787	9.736 ng/uL	96
77) Carbazole	17.39	167	763575	9.889 ng/ul	98
78) Di-n-butylphthalate	17.98	149	929909	9.466 ng/ul	99
80) Fluoranthene	19.05	202	980220	10.700 ng/ul	99
82) Pyrene	19.42	202	1034934	10.759 ng/ul	99
83) Butylbenzylphthalate	20.35	149	393777	9.620 ng/ul	97
84) 3,3'-Dichlorobenzidine	21.12	252	285790	8.703 ng/ul	94
85) Benzo(a)anthracene	21.17	228	965878	10.313 ng/ul	100
86) Bis(2-ethylhexyl)phthalate	21.15	149	610333	9.210 ng/ul	99
87) Chrysene	21.23	228	952956	10.457 ng/ul	100
89) Di-n-octyl phthalate	22.02	149	1011810	8.675 ng/ul	100
90) Benzo(b)fluoranthene	22.73	252	979005	10.055 ng/ul	99
91) Benzo(k)fluoranthene	22.77	252	938331	9.601 ng/ul	99
93) Benzo(a)pyrene	23.29	252	885024	9.769 ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.57	276	1082340	9.354 ng/ul	99
95) Dibenzo(a,h)anthracene	25.58	278	927679	9.497 ng/ul	98
96) Benzo(g,h,i)perylene	26.23	276	919133	9.614 ng/ul	99

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

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