Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042421\
Data File : BN014426.D
Acq On : 25 Apr 2021 05:22
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD020063

Manual Integrations APPROVED
mohammad
4/26/2021 11:43:32 AM

Quant Time: Apr 26 04:14:40 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN041521.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Apr 26 03:30:05 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	131632	20.00	ng/ul	0.00
20) Naphthalene-d8	10.46	136	580884	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.32	164	349709	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.06	188	687694	20.00	ng/ul	0.00
79) Chrysene-d12	21.26	240	716160	20.00	ng/ul	0.00
88) Perylene-d12	23.48	264	672473	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.21	96	20761	6.00	ng/uL	0.00
4) Pyridine-d5	3.61	84	114980	12.55	ng/ul	0.00
7) Phenol-d5	6.85	99	183873	16.71	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.02	67	116141	17.63	ng/ul	0.00
11) 2-Chlorophenol-d4	7.22	132	160410	18.53	ng/ul	0.00
15) 4-Methylphenol-d8	8.38	113	153844	18.44	ng/ul	0.00
21) Nitrobenzene-d5	8.83	128	87988	20.96	ng/ul	0.00
24) 2-Nitrophenol-d4	9.55	143	71685	17.44	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.08	165	162603	18.36	ng/ul	0.00
31) 4-Chloroaniline-d4	10.59	131	230008	17.51	ng/ul	0.00
46) Dimethylphthalate-d6	13.73	166	477983	18.87	ng/ul	0.00
49) Acenaphthylene-d8	14.01	160	600379	19.70	ng/ul	0.00
54) 4-Nitrophenol-d4	14.52	143	79846	16.25	ng/ul	0.00
60) Fluorene-d10	15.32	176	412951	18.44	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.43	200	47726	12.97	ng/ul	0.00
73) Anthracene-d10	17.16	188	631148	19.66	ng/ul	0.00
81) Pyrene-d10	19.46	212	663312	19.08	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.34	264	698255	19.57	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	21988	6.241	ng/uL	96
5) Pyridine	3.63	79	115783	12.296	ng/ul	98
6) Benzaldehyde	6.83	77	132937	23.927	ng/ul	98
8) Phenol	6.88	94	197514	16.697	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.12	93	169863	18.259	ng/ul	98
12) 2-Chlorophenol	7.25	128	169707	18.338	ng/ul	98
13) 2-Methylphenol	8.12	108	163547	19.067	ng/ul	97
14) 2,2'-oxybis(1-Chloropropan	8.21	45	203568	19.795	ng/ul	99
16) Acetophenone	8.50	105	283461	20.217	ng/ul	99
17) N-Nitroso-di-n-propylamine	8.49	70	132472	20.321	ng/ul	98
18) 4-Methylphenol	8.45	108	178063	19.168	ng/ul	100
19) Hexachloroethane	8.75	117	84768	21.791	ng/ul	98
22) Nitrobenzene	8.88	77	215581	19.415	ng/ul	99
23) Isophorone	9.39	82	385377	20.636	ng/ul	99
25) 2-Nitrophenol	9.58	139	85894	17.684	ng/ul	98
26) 2,4-Dimethylphenol	9.64	107	195626	18.092	ng/ul	98
27) Bis(2-Chloroethoxy)methane	9.88	93	247978	19.491	ng/ul	99
29) 2,4-Dichlorophenol	10.11	162	166849	18.360	ng/ul	98
30) Naphthalene	10.51	128	624630	19.401	ng/ul	99
32) 4-Chloroaniline	10.62	127	240013	17.756	ng/ul	99
33) Hexachlorobutadiene	10.80	225	114303	19.265	ng/ul	94
34) Caprolactam	11.37	113	46615m	18.404	ng/ul	

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35) 4-Chloro-3-methylphenol	11.75	107	163510	18.204	ng/ul	99
36) 2-Methylnaphthalene	12.13	142	432606	19.721	ng/ul	100
37) 1-Methylnaphthalene	12.35	142	423211	19.374	ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	12.50	216	218017	18.419	ng/ul	98
40) Hexachlorocyclopentadiene	12.48	237	110208	14.994	ng/ul	98
41) 2,4,6-Trichlorophenol	12.74	196	115450	16.876	ng/ul	98
42) 2,4,5-Trichlorophenol	12.81	196	130514	17.191	ng/ul	99
43) 1,1'-Biphenyl	13.15	154	539088	18.743	ng/ul	99
44) 2-Chloronaphthalene	13.19	162	420711	18.712	ng/ul	99
45) 2-Nitroaniline	13.39	65	97216	18.651	ng/ul	98
47) Dimethylphthalate	13.78	163	490029	18.632	ng/ul	100
48) 2,6-Dinitrotoluene	13.89	165	90043	19.522	ng/ul	92
50) Acenaphthylene	14.04	152	621388	19.162	ng/ul	100
51) 3-Nitroaniline	14.22	138	97363	17.132	ng/ul	98
52) Acenaphthene	14.38	153	434902	18.386	ng/ul	100
53) 2,4-Dinitrophenol	14.43	184	58418	21.698	ng/ul	96
55) 4-Nitrophenol	14.53	109	83094	19.736	ng/ul	98
56) Dibenzofuran	14.72	168	611400	18.573	ng/ul	100
57) 2,4-Dinitrotoluene	14.68	165	133604	20.051	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.95	232	101886	17.058	ng/ul	99
59) Diethylphthalate	15.15	149	487803	18.132	ng/ul	100
61) Fluorene	15.37	166	500592	18.760	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.37	204	242198	18.431	ng/ul	100
63) 4-Nitroaniline	15.39	138	101146	18.284	ng/ul	99
66) 4,6-Dinitro-2-methylphenol	15.45	198	52032	13.351	ng/ul#	93
67) N-Nitrosodiphenylamine	15.58	169	409261	19.127	ng/ul	99
68) 4-Bromophenyl-phenylether	16.26	248	139508	19.175	ng/ul	97
69) Hexachlorobenzene	16.37	284	163109	18.782	ng/ul	98
70) Atrazine	16.53	200	125183	16.462	ng/ul	98
71) Pentachlorophenol	16.72	266	79495	15.744	ng/ul	97
72) Phenanthrene	17.11	178	768383	19.137	ng/ul	99
74) Anthracene	17.20	178	798197	19.572	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.11	216	214105	18.906	ng/uL	97
76) Pentachlorobenzene	14.64	250	214815	19.085	ng/uL	97
77) Carbazole	17.47	167	688143	18.653	ng/ul	99
78) Di-n-butylphthalate	18.04	149	753003	18.864	ng/ul	99
80) Fluoranthene	19.13	202	843669	19.205	ng/ul	98
82) Pyrene	19.49	202	898510	19.208	ng/ul	99
83) Butylbenzylphthalate	20.40	149	244886	15.945	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.18	252	173191	13.522	ng/ul	99
85) Benzo(a)anthracene	21.25	228	867687	18.751	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.19	149	450750	18.007	ng/ul	100
87) Chrysene	21.30	228	857240	19.112	ng/ul	98
89) Di-n-octyl phthalate	22.06	149	733550	17.471	ng/ul	100
90) Benzo(b)fluoranthene	22.82	252	868855	19.313	ng/ul	98
91) Benzo(k)fluoranthene	22.86	252	854201	19.073	ng/ul	96
93) Benzo(a)pyrene	23.39	252	772323	19.403	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.73	276	1029759	19.519	ng/ul	96
95) Dibenzo(a,h)anthracene	25.73	278	845170	19.406	ng/ul	96
96) Benzo(g,h,i)perylene	26.41	276	827193	19.402	ng/ul	97

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

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