Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012221\
Data File : BN013462.D
Acq On : 22 Jan 2021 17:28
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD020559

Manual Integrations APPROVED
mohammad
1/25/2021 7:56:16 AM

Quant Time: Jan 22 17:59:47 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN012221.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 22 09:47:41 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	508054	20.00	ng/ul	0.00
20) Naphthalene-d8	10.35	136	1994826	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.22	164	1139128	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.97	188	2090049	20.00	ng/ul	0.00
79) Chrysene-d12	21.17	240	1584754	20.00	ng/ul	0.00
88) Perylene-d12	23.36	264	1462389	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	103730	8.33	ng/uL	0.00
4) Pyridine-d5	3.56	84	686907	21.12	ng/ul	0.00
7) Phenol-d5	6.76	99	855776	21.42	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.93	67	501791	21.36	ng/ul	0.00
11) 2-Chlorophenol-d4	7.12	132	750685	21.48	ng/ul	0.00
15) 4-Methylphenol-d8	8.28	113	679666	21.44	ng/ul	0.00
21) Nitrobenzene-d5	8.72	128	342393	21.87	ng/ul	0.00
24) 2-Nitrophenol-d4	9.43	143	366096	22.78	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.97	165	680956	22.13	ng/ul	0.00
31) 4-Chloroaniline-d4	10.48	131	949517	21.86	ng/ul	0.00
46) Dimethylphthalate-d6	13.63	166	1809777	21.41	ng/ul	0.00
49) Acenaphthylene-d8	13.90	160	2298433	21.38	ng/ul	0.00
54) 4-Nitrophenol-d4	14.42	143	331744	20.96	ng/ul	0.00
60) Fluorene-d10	15.22	176	1573798	21.42	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.33	200	257150	21.12	ng/ul	0.00
73) Anthracene-d10	17.06	188	2220989	21.99	ng/ul	0.00
81) Pyrene-d10	19.37	212	2091331	22.20	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.22	264	1740676	22.82	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	107861	8.366	ng/uL	97
5) Pyridine	3.58	79	693077	21.040	ng/ul	96
6) Benzaldehyde	6.73	77	250845	15.385	ng/ul	97
8) Phenol	6.79	94	885801	21.468	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.02	93	725275	21.382	ng/ul	99
12) 2-Chlorophenol	7.15	128	766251	21.400	ng/ul	98
13) 2-Methylphenol	8.02	108	661224	21.271	ng/ul	100
14) 2,2'-oxybis(1-Chloropropan	8.10	45	1024416	21.631	ng/ul	99
16) Acetophenone	8.39	105	1058472	22.100	ng/ul	99
17) N-Nitroso-di-n-propylamine	8.39	70	482106	22.123	ng/ul	97
18) 4-Methylphenol	8.35	108	724251	21.518	ng/ul	97
19) Hexachloroethane	8.65	117	317082	21.261	ng/ul	98
22) Nitrobenzene	8.76	77	773459	21.772	ng/ul	100
23) Isophorone	9.29	82	1352972	22.163	ng/ul	98
25) 2-Nitrophenol	9.47	139	409969	22.461	ng/ul	95
26) 2,4-Dimethylphenol	9.53	107	768749	21.960	ng/ul	99
27) Bis(2-Chloroethoxy)methane	9.78	93	922690	21.678	ng/ul	100
29) 2,4-Dichlorophenol	10.00	162	676606	21.843	ng/ul	100
30) Naphthalene	10.39	128	2442224	21.686	ng/ul	99
32) 4-Chloroaniline	10.50	127	926851	22.090	ng/ul	99
33) Hexachlorobutadiene	10.69	225	427139	21.123	ng/ul	98
34) Caprolactam	11.26	113	179644m	20.953	ng/ul	

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35) 4-Chloro-3-methylphenol	11.63	107	671410	22.110	ng/ul	97
36) 2-Methylnaphthalene	12.02	142	1629398	21.641	ng/ul	97
37) 1-Methylnaphthalene	12.23	142	1559501	21.631	ng/ul	100
39) 1,2,4,5-Tetrachlorobenzene	12.39	216	762129	20.825	ng/ul	98
40) Hexachlorocyclopentadiene	12.38	237	462941	20.630	ng/ul	99
41) 2,4,6-Trichlorophenol	12.63	196	473681	21.464	ng/ul	99
42) 2,4,5-Trichlorophenol	12.70	196	518217	21.479	ng/ul	98
43) 1,1'-Biphenyl	13.05	154	2046243	21.292	ng/ul	99
44) 2-Chloronaphthalene	13.08	162	1605608	21.136	ng/ul	97
45) 2-Nitroaniline	13.29	65	387204	22.308	ng/ul	96
47) Dimethylphthalate	13.68	163	1876583	21.348	ng/ul	99
48) 2,6-Dinitrotoluene	13.80	165	382000	22.211	ng/ul	94
50) Acenaphthylene	13.93	152	2384026	21.527	ng/ul	99
51) 3-Nitroaniline	14.12	138	260819	16.532	ng/ul	99
52) Acenaphthene	14.28	153	1667605	21.102	ng/ul	97
53) 2,4-Dinitrophenol	14.33	184	165354	18.844	ng/ul	99
55) 4-Nitrophenol	14.43	109	238263	20.917	ng/ul	98
56) Dibenzofuran	14.62	168	2231390	21.083	ng/ul	98
57) 2,4-Dinitrotoluene	14.59	165	524828	21.839	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.85	232	418586	22.395	ng/ul	95
59) Diethylphthalate	15.06	149	1843719	21.714	ng/ul	99
61) Fluorene	15.27	166	1798052	21.533	ng/ul	100
62) 4-Chlorophenyl-phenylether	15.27	204	871529	21.272	ng/ul	99
63) 4-Nitroaniline	15.29	138	227466	16.041	ng/ul	99
66) 4,6-Dinitro-2-methylphenol	15.35	198	284549	21.551	ng/ul	96
67) N-Nitrosodiphenylamine	15.49	169	1507126	21.768	ng/ul	100
68) 4-Bromophenyl-phenylether	16.17	248	520580	22.088	ng/ul	99
69) Hexachlorobenzene	16.27	284	584916	21.674	ng/ul	99
70) Atrazine	16.45	200	499809	22.061	ng/ul	97
71) Pentachlorophenol	16.62	266	307303	21.336	ng/ul	97
72) Phenanthrene	17.01	178	2708216	21.702	ng/ul	99
74) Anthracene	17.10	178	2776902	22.167	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.00	216	743008	20.937	ng/uL	93
76) Pentachlorobenzene	14.54	250	712239	21.098	ng/uL	97
77) Carbazole	17.37	167	2323371	22.195	ng/ul	99
78) Di-n-butylphthalate	17.96	149	2720757	22.864	ng/ul	99
80) Fluoranthene	19.03	202	2732257	22.335	ng/ul	100
82) Pyrene	19.40	202	2782385	22.154	ng/ul	99
83) Butylbenzylphthalate	20.33	149	960397	22.979	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.10	252	587943	20.921	ng/ul	98
85) Benzo(a)anthracene	21.16	228	2323319	22.069	ng/ul	98
86) Bis(2-ethylhexyl)phthalate	21.11	149	1375880	23.406	ng/ul#	98
87) Chrysene	21.21	228	2269736	21.902	ng/ul	98
89) Di-n-octyl phthalate	21.98	149	2099906	23.323	ng/ul	100
90) Benzo(b)fluoranthene	22.70	252	2178450	22.761	ng/ul	99
91) Benzo(k)fluoranthene	22.75	252	2137252	22.558	ng/ul	98
93) Benzo(a)pyrene	23.26	252	2005469	22.804	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.53	276	2466021	22.614	ng/ul	99
95) Dibenzo(a,h)anthracene	25.55	278	2048797	22.490	ng/ul	98
96) Benzo(g,h,i)perylene	26.19	276	2053689	22.655	ng/ul	96

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

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