Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042321\
Data File : BN014373.D
Acq On : 23 Apr 2021 11:10
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD020059

Manual Integrations APPROVED
mohammad
4/26/2021 11:37:26 AM

Quant Time: Apr 23 12:08:23 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN041521.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 23 12:06:34 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	152342	20.00	ng/ul	0.00
20) Naphthalene-d8	10.46	136	624583	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.32	164	375222	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.07	188	754489	20.00	ng/ul	0.00
79) Chrysene-d12	21.26	240	760306	20.00	ng/ul	0.00
88) Perylene-d12	23.49	264	740171	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.21	96	24566	6.14	ng/uL	0.00
4) Pyridine-d5	3.61	84	158034	14.90	ng/ul	0.00
7) Phenol-d5	6.85	99	216762	17.02	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.02	67	143217	18.78	ng/ul	0.00
11) 2-Chlorophenol-d4	7.22	132	178676	17.84	ng/ul	0.00
15) 4-Methylphenol-d8	8.38	113	165333	17.13	ng/ul	0.00
21) Nitrobenzene-d5	8.83	128	95431	21.14	ng/ul	0.00
24) 2-Nitrophenol-d4	9.55	143	74691	16.90	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.08	165	167129	17.55	ng/ul	0.00
31) 4-Chloroaniline-d4	10.59	131	247037	17.49	ng/ul	0.00
46) Dimethylphthalate-d6	13.73	166	504783	18.57	ng/ul	0.00
49) Acenaphthylene-d8	14.01	160	637411	19.49	ng/ul	0.00
54) 4-Nitrophenol-d4	14.52	143	81458	15.45	ng/ul	0.00
60) Fluorene-d10	15.32	176	447967	18.64	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.43	200	55413	13.72	ng/ul	0.00
73) Anthracene-d10	17.16	188	676117	19.20	ng/ul	0.00
81) Pyrene-d10	19.46	212	713141	19.32	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.34	264	738642	18.81	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	25627	6.285	ng/uL	93
5) Pyridine	3.63	79	160860	14.761	ng/ul	93
6) Benzaldehyde	6.83	77	160294	24.928	ng/ul	98
8) Phenol	6.88	94	238143	17.395	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.12	93	206964	19.222	ng/ul	98
12) 2-Chlorophenol	7.25	128	195916	18.292	ng/ul	97
13) 2-Methylphenol	8.12	108	176007	17.730	ng/ul	98
14) 2,2'-oxybis(1-Chloropropan	8.21	45	229880	19.315	ng/ul	98
16) Acetophenone	8.50	105	324353	19.989	ng/ul	99
17) N-Nitroso-di-n-propylamine	8.49	70	152160	20.168	ng/ul	98
18) 4-Methylphenol	8.45	108	189496	17.626	ng/ul	99
19) Hexachloroethane	8.76	117	91660	20.359	ng/ul	97
22) Nitrobenzene	8.88	77	240123	20.112	ng/ul	98
23) Isophorone	9.39	82	404469	20.143	ng/ul	99
25) 2-Nitrophenol	9.58	139	92253	17.665	ng/ul	97
26) 2,4-Dimethylphenol	9.64	107	206902	17.796	ng/ul	99
27) Bis(2-Chloroethoxy)methane	9.88	93	268558	19.632	ng/ul	99
29) 2,4-Dichlorophenol	10.11	162	177297	18.145	ng/ul	98
30) Naphthalene	10.51	128	679276	19.622	ng/ul	100
32) 4-Chloroaniline	10.62	127	265139	18.242	ng/ul	100
33) Hexachlorobutadiene	10.80	225	129241	20.259	ng/ul	91
34) Caprolactam	11.40	113	43678m	16.038	ng/ul	

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35) 4-Chloro-3-methylphenol	11.75	107	166709	17.261	ng/ul	97
36) 2-Methylnaphthalene	12.13	142	471111	19.973	ng/ul	100
37) 1-Methylnaphthalene	12.35	142	462697	19.699	ng/ul	98
39) 1,2,4,5-Tetrachlorobenzene	12.50	216	243526	19.175	ng/ul	96
40) Hexachlorocyclopentadiene	12.49	237	144888	18.371	ng/ul	95
41) 2,4,6-Trichlorophenol	12.75	196	117174	15.963	ng/ul	97
42) 2,4,5-Trichlorophenol	12.81	196	132696	16.290	ng/ul	99
43) 1,1'-Biphenyl	13.15	154	584187	18.930	ng/ul	97
44) 2-Chloronaphthalene	13.19	162	458257	18.996	ng/ul	99
45) 2-Nitroaniline	13.39	65	101292	18.112	ng/ul	96
47) Dimethylphthalate	13.78	163	531318	18.828	ng/ul	100
48) 2,6-Dinitrotoluene	13.90	165	96742	19.548	ng/ul	98
50) Acenaphthylene	14.04	152	670629	19.275	ng/ul	100
51) 3-Nitroaniline	14.22	138	101371	16.624	ng/ul	100
52) Acenaphthene	14.39	153	476180	18.763	ng/ul	98
53) 2,4-Dinitrophenol	14.43	184	59980	20.763	ng/ul	96
55) 4-Nitrophenol	14.53	109	92798	20.542	ng/ul	96
56) Dibenzofuran	14.72	168	670007	18.970	ng/ul	99
57) 2,4-Dinitrotoluene	14.68	165	142144	19.883	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.95	232	104150	16.251	ng/ul	97
59) Diethylphthalate	15.15	149	509924	17.665	ng/ul	100
61) Fluorene	15.37	166	546662	19.093	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.37	204	275901	19.569	ng/ul	99
63) 4-Nitroaniline	15.39	138	106352	17.918	ng/ul	98
66) 4,6-Dinitro-2-methylphenol	15.45	198	61897	14.476	ng/ul	99
67) N-Nitrosodiphenylamine	15.58	169	444537	18.936	ng/ul	97
68) 4-Bromophenyl-phenylether	16.26	248	156811	19.646	ng/ul	97
69) Hexachlorobenzene	16.37	284	184238	19.337	ng/ul	97
70) Atrazine	16.53	200	131901	15.810	ng/ul	99
71) Pentachlorophenol	16.72	266	89020	16.069	ng/ul	92
72) Phenanthrene	17.11	178	844723	19.176	ng/ul	99
74) Anthracene	17.20	178	864829	19.328	ng/ul	100
75) 1,2,3,4-Tetrachlorobenzene	13.11	216	245247	19.739	ng/uL	97
76) Pentachlorobenzene	14.64	250	236290	19.135	ng/uL	98
77) Carbazole	17.47	167	713447	17.626	ng/ul	99
78) Di-n-butylphthalate	18.05	149	745365	17.019	ng/ul	99
80) Fluoranthene	19.13	202	906393	19.435	ng/ul	99
82) Pyrene	19.50	202	986364	19.862	ng/ul	96
83) Butylbenzylphthalate	20.41	149	235535	14.445	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.19	252	214420	15.769	ng/ul	91
85) Benzo(a)anthracene	21.24	228	952359	19.386	ng/ul	98
86) Bis(2-ethylhexyl)phthalate	21.19	149	425550	16.013	ng/ul	98
87) Chrysene	21.30	228	939345	19.727	ng/ul	95
89) Di-n-octyl phthalate	22.07	149	621974	13.459	ng/ul	100
90) Benzo(b)fluoranthene	22.82	252	962417	19.436	ng/ul	99
91) Benzo(k)fluoranthene	22.86	252	934840	18.964	ng/ul	100
93) Benzo(a)pyrene	23.39	252	844243	19.270	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.73	276	1096438	18.882	ng/ul	97
95) Dibenzo(a,h)anthracene	25.74	278	914593	19.079	ng/ul	99
96) Benzo(g,h,i)perylene	26.42	276	900195	19.183	ng/ul	97

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

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