Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042421\
Data File : BN014409.D
Acq On : 24 Apr 2021 18:40
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD020062

Manual Integrations APPROVED
mohammad
4/26/2021 11:41:59 AM

Quant Time: Apr 26 02:47:41 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	7.68	152	134692	20.00	ng/ul	0.00
20) Naphthalene-d8	10.46	136	574252	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.32	164	331531	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.07	188	645129	20.00	ng/ul	0.00
79) Chrysene-d12	21.26	240	644437	20.00	ng/ul	0.00
88) Perylene-d12	23.49	264	625909	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.21	96	22589	6.38	ng/uL	0.00
4) Pyridine-d5	3.61	84	123744	13.20	ng/ul	0.00
7) Phenol-d5	6.85	99	192216	17.07	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.02	67	124089	18.40	ng/ul	0.00
11) 2-Chlorophenol-d4	7.22	132	162449	18.34	ng/ul	0.00
15) 4-Methylphenol-d8	8.38	113	153991	18.04	ng/ul	0.00
21) Nitrobenzene-d5	8.83	128	87105	20.99	ng/ul	0.00
24) 2-Nitrophenol-d4	9.55	143	71863	17.68	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.08	165	158299	18.08	ng/ul	0.00
31) 4-Chloroaniline-d4	10.59	131	225135	17.34	ng/ul	0.00
46) Dimethylphthalate-d6	13.73	166	453304	18.87	ng/ul	0.00
49) Acenaphthylene-d8	14.01	160	574833	19.89	ng/ul	0.00
54) 4-Nitrophenol-d4	14.52	143	75382	16.18	ng/ul	0.00
60) Fluorene-d10	15.32	176	401702	18.92	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.43	200	46856	13.57	ng/ul	0.00
73) Anthracene-d10	17.16	188	604100	20.06	ng/ul	0.00
81) Pyrene-d10	19.46	212	610392	19.51	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.35	264	632251	19.04	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.24	88	24099	6.685	ng/uL	95
5) Pyridine	3.63	79	127448	13.227	ng/ul	94
6) Benzaldehyde	6.83	77	142818	25.121	ng/ul	98
8) Phenol	6.88	94	211166	17.446	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.12	93	178461	18.747	ng/ul	98
12) 2-Chlorophenol	7.25	128	175846	18.570	ng/ul	97
13) 2-Methylphenol	8.12	108	164373	18.728	ng/ul	98
14) 2,2'-oxybis(1-Chloropropan	8.21	45	212694	20.213	ng/ul	99
16) Acetophenone	8.50	105	289437	20.174	ng/ul	99
17) N-Nitroso-di-n-propylamine	8.49	70	136097	20.403	ng/ul	99
18) 4-Methylphenol	8.45	108	177502	18.674	ng/ul	98
19) Hexachloroethane	8.75	117	84651	21.266	ng/ul	95
22) Nitrobenzene	8.87	77	221555	20.183	ng/ul	97
23) Isophorone	9.39	82	378762	20.517	ng/ul	99
25) 2-Nitrophenol	9.58	139	87884	18.303	ng/ul	98
26) 2,4-Dimethylphenol	9.64	107	191533	17.918	ng/ul	97
27) Bis(2-Chloroethoxy)methane	9.88	93	247362	19.667	ng/ul	100
29) 2,4-Dichlorophenol	10.11	162	163827	18.236	ng/ul	97
30) Naphthalene	10.51	128	621003	19.511	ng/ul	99
32) 4-Chloroaniline	10.62	127	235591	17.630	ng/ul	100
33) Hexachlorobutadiene	10.80	225	111315	18.978	ng/ul	94
34) Caprolactam	11.37	113	43036m	17.187	ng/ul	

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35) 4-Chloro-3-methylphenol	11.75	107	155894	17.556	ng/ul	99
36) 2-Methylnaphthalene	12.13	142	423562	19.531	ng/ul	97
37) 1-Methylnaphthalene	12.35	142	412775	19.114	ng/ul	98
39) 1,2,4,5-Tetrachlorobenzene	12.50	216	213361	19.014	ng/ul	98
40) Hexachlorocyclopentadiene	12.48	237	113671	16.313	ng/ul	99
41) 2,4,6-Trichlorophenol	12.74	196	109063	16.816	ng/ul	98
42) 2,4,5-Trichlorophenol	12.81	196	126982	17.643	ng/ul	99
43) 1,1'-Biphenyl	13.15	154	530746	19.465	ng/ul	99
44) 2-Chloronaphthalene	13.19	162	411306	19.297	ng/ul	99
45) 2-Nitroaniline	13.39	65	93563	18.935	ng/ul	97
47) Dimethylphthalate	13.77	163	475818	19.084	ng/ul	98
48) 2,6-Dinitrotoluene	13.89	165	86757	19.841	ng/ul	91
50) Acenaphthylene	14.04	152	605643	19.701	ng/ul	99
51) 3-Nitroaniline	14.22	138	90063	16.716	ng/ul	99
52) Acenaphthene	14.38	153	429302	19.145	ng/ul	99
53) 2,4-Dinitrophenol	14.43	184	58901	23.077	ng/ul	95
55) 4-Nitrophenol	14.53	109	79066	19.809	ng/ul	96
56) Dibenzofuran	14.72	168	600632	19.247	ng/ul	97
57) 2,4-Dinitrotoluene	14.68	165	126531	20.031	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.95	232	96109	16.973	ng/ul	98
59) Diethylphthalate	15.15	149	460584	18.059	ng/ul	99
61) Fluorene	15.37	166	492402	19.465	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.37	204	234133	18.795	ng/ul	98
63) 4-Nitroaniline	15.39	138	95149	18.143	ng/ul	99
66) 4,6-Dinitro-2-methylphenol	15.45	198	52074	14.244	ng/ul#	94
67) N-Nitrosodiphenylamine	15.58	169	383636	19.112	ng/ul	99
68) 4-Bromophenyl-phenylether	16.26	248	134068	19.644	ng/ul	94
69) Hexachlorobenzene	16.37	284	155946	19.142	ng/ul	100
70) Atrazine	16.53	200	113313	15.885	ng/ul	98
71) Pentachlorophenol	16.72	266	75857	16.015	ng/ul	92
72) Phenanthrene	17.11	178	744177	19.757	ng/ul	99
74) Anthracene	17.20	178	757507	19.800	ng/ul	100
75) 1,2,3,4-Tetrachlorobenzene	13.11	216	211349	19.894	ng/uL	97
76) Pentachlorobenzene	14.64	250	207077	19.612	ng/uL	95
77) Carbazole	17.47	167	622133	17.976	ng/ul	99
78) Di-n-butylphthalate	18.05	149	666579	17.800	ng/ul	100
80) Fluoranthene	19.13	202	791478	20.022	ng/ul	99
82) Pyrene	19.49	202	843565	20.041	ng/ul	99
83) Butylbenzylphthalate	20.40	149	208996	15.122	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.18	252	145153	12.594	ng/ul	97
85) Benzo(a)anthracene	21.25	228	815222	19.578	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.19	149	375820	16.684	ng/ul	97
87) Chrysene	21.30	228	795423	19.708	ng/ul	97
89) Di-n-octyl phthalate	22.06	149	590949	15.122	ng/ul	100
90) Benzo(b)fluoranthene	22.82	252	774008	18.484	ng/ul	98
91) Benzo(k)fluoranthene	22.86	252	814540	19.540	ng/ul	99
93) Benzo(a)pyrene	23.39	252	719420	19.419	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	25.72	276	927907	18.897	ng/ul	98
95) Dibenzo(a,h)anthracene	25.74	278	795834	19.633	ng/ul	98
96) Benzo(g,h,i)perylene	26.40	276	747771	18.844	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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