Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112719\
Data File : BN008794.D
Acq On : 28 Nov 2019 13:00
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD02062

Manual Integrations APPROVED
mohammad
11/29/2019 8:54:19 AM

Quant Time: Nov 29 02:56:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN112719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 27 15:51:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	476309	20.00	ng/ul	0.00
18) Naphthalene-d8	10.34	136	2157149	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.21	164	1477858	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	3297984	20.00	ng/ul	0.00
77) Chrysene-d12	21.16	240	3194293	20.00	ng/ul	0.00
85) Perylene-d12	23.32	264	3569529	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	93947	8.63	ng/uL	0.00
5) Phenol-d5	6.77	99	987847	20.22	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	641143	21.27	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	726065	21.30	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	782540	20.22	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	364524	21.90	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	405062	22.54	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	764972	21.37	ng/ul	0.00
29) 4-Chloroaniline-d4	10.48	131	1047889	23.03	ng/ul	0.00
43) Dimethylphthalate-d6	13.63	166	2494582	21.19	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	2899663	22.29	ng/ul	0.00
51) 4-Nitrophenol-d4	14.42	143	496522	20.80	ng/ul	0.00
57) Fluorene-d10	15.20	176	2123247	21.34	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.33	200	398581	20.92	ng/ul	0.00
70) Anthracene-d10	17.05	188	3378172	21.64	ng/ul	0.00
78) Pyrene-d10	19.35	212	3774346	21.18	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.18	264	4004097	21.50	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.21	88	104722	8.793	ng/uL	91
4) Benzaldehyde	6.73	77	652856	25.201	ng/ul	98
6) Phenol	6.80	94	1020692	20.135	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.02	93	779575	20.859	ng/ul	97
10) 2-Chlorophenol	7.16	128	741724	21.224	ng/ul	98
11) 2-Methylphenol	8.03	108	757035	20.104	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.11	45	1580658	21.769	ng/ul	98
14) Acetophenone	8.39	105	1242984	20.435	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.39	70	674033	20.606	ng/ul	96
16) 4-Methylphenol	8.35	108	842876	20.001	ng/ul	95
17) Hexachloroethane	8.65	117	293022	21.636	ng/ul	97
20) Nitrobenzene	8.76	77	952042	21.885	ng/ul	96
21) Isophorone	9.29	82	1882039	21.386	ng/ul	99
23) 2-Nitrophenol	9.47	139	427917	22.036	ng/ul	97
24) 2,4-Dimethylphenol	9.54	107	941839	21.401	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.77	93	1128851	21.129	ng/ul	99
27) 2,4-Dichlorophenol	10.00	162	752058	21.418	ng/ul	96
28) Naphthalene	10.39	128	2498752	21.517	ng/ul	100
30) 4-Chloroaniline	10.50	127	1064618	23.074	ng/ul	98
31) Hexachlorobutadiene	10.69	225	427188	21.814	ng/ul	97
32) Caprolactam	11.27	113	301387m	20.484	ng/ul	
33) 4-Chloro-3-methylphenol	11.63	107	921963	20.603	ng/ul	97
34) 2-Methylnaphthalene	12.01	142	1856372	21.157	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.39	216	903487	22.464	ng/ul	99
37) Hexachlorocyclopentadiene	12.38	237	478359	21.449	ng/ul	99
38) 2,4,6-Trichlorophenol	12.63	196	617934	22.362	ng/ul	99
39) 2,4,5-Trichlorophenol	12.70	196	663766	21.764	ng/ul	96
40) 1,1'-Biphenyl	13.04	154	2428932	21.992	ng/ul	99
41) 2-Chloronaphthalene	13.07	162	1857816	21.963	ng/ul	99
42) 2-Nitroaniline	13.28	65	710666	22.549	ng/ul	95
44) Dimethylphthalate	13.67	163	2471826	21.500	ng/ul	100
45) 2,6-Dinitrotoluene	13.79	165	497026	22.439	ng/ul	96
47) Acenaphthylene	13.93	152	2951312	22.005	ng/ul	99
48) 3-Nitroaniline	14.11	138	535001	22.103	ng/ul	100
49) Acenaphthene	14.27	153	2045024	21.786	ng/ul	99
50) 2,4-Dinitrophenol	14.32	184	262639	19.160	ng/ul	97
52) 4-Nitrophenol	14.43	109	379910	20.598	ng/ul	96
53) Dibenzofuran	14.61	168	2894664	21.128	ng/ul	97
54) 2,4-Dinitrotoluene	14.57	165	751001	22.308	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	14.84	232	598696	22.093	ng/ul	96
56) Diethylphthalate	15.06	149	2524468	21.550	ng/ul	99
58) Fluorene	15.26	166	2346361	21.261	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.26	204	1166540	21.774	ng/ul	97
60) 4-Nitroaniline	15.28	138	610018	20.985	ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.35	198	437029	21.333	ng/ul	96
64) N-Nitrosodiphenylamine	15.47	169	2105464	21.709	ng/ul	95
65) 4-Bromophenyl-phenylether	16.16	248	712727	21.774	ng/ul	97
66) Hexachlorobenzene	16.27	284	761911	21.728	ng/ul	98
67) Atrazine	16.44	200	761166	21.815	ng/ul	96
68) Pentachlorophenol	16.61	266	490221	21.232	ng/ul	98
69) Phenanthrene	17.00	178	3893482	21.505	ng/ul	99
71) Anthracene	17.09	178	3989991	21.678	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.00	216	905074	22.650	ng/uL	98
73) Pentachlorobenzene	14.53	250	905635	21.968	ng/uL	97
74) Carbazole	17.36	167	3689735	22.609	ng/ul	99
75) Di-n-butylphthalate	17.95	149	4350771	22.160	ng/ul	100
76) Fluoranthene	19.02	202	4727572	23.876	ng/ul	98
79) Pyrene	19.38	202	4820320	21.544	ng/ul	99
80) Butylbenzylphthalate	20.31	149	2116476	22.449	ng/ul	94
81) 3,3'-Dichlorobenzidine	21.08	252	1669505	21.613	ng/ul	99
82) Benzo(a)anthracene	21.14	228	4719125	21.064	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.10	149	3108545	22.103	ng/ul	99
84) Chrysene	21.19	228	4515569	21.552	ng/ul	99
86) Di-n-octyl phthalate	21.97	149	5292118	25.957	ng/ul	100
87) Benzo(b)fluoranthene	22.68	252	4798059	21.646	ng/ul	99
88) Benzo(k)fluoranthene	22.72	252	4587960	21.926	ng/ul	98
90) Benzo(a)pyrene	23.22	252	4597506	21.686	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.44	276	5067862	20.536	ng/ul	93
92) Dibenzo(a,h)anthracene	25.46	278	4316361	20.741	ng/ul	98
93) Benzo(g,h,i)perylene	26.09	276	4145995	19.781	ng/ul	99

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

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