Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112719\
Data File : BN008760.D
Acq On : 27 Nov 2019 16:44
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD02060

Manual Integrations APPROVED
Sohil
11/29/2019 8:48:51 AM

Quant Time: Nov 27 17:17:40 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	7.59	152	365165	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1687568	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	1200702	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	2697659	20.00	ng/ul	0.00
77) Chrysene-d12	21.16	240	2587981	20.00	ng/ul	0.00
85) Perylene-d12	23.32	264	2876582	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	74399	8.91	ng/uL	0.00
5) Phenol-d5	6.78	99	764695	20.41	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	495345	21.44	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	551442	21.10	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	615824	20.76	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	285704	21.94	ng/ul	0.00
22) 2-Nitrophenol-d4	9.44	143	310414	22.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	612038	21.86	ng/ul	0.00
29) 4-Chloroaniline-d4	10.48	131	837577	23.53	ng/ul	0.00
43) Dimethylphthalate-d6	13.63	166	2038737	21.31	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	2325539	22.01	ng/ul	0.00
51) 4-Nitrophenol-d4	14.42	143	412538	21.27	ng/ul	0.00
57) Fluorene-d10	15.21	176	1742090	21.55	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.33	200	326539	20.95	ng/ul	0.00
70) Anthracene-d10	17.06	188	2784139	21.80	ng/ul	0.00
78) Pyrene-d10	19.36	212	3096326	21.45	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.18	264	3293351	21.94	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.21	88	77117	8.446	ng/uL#	83
4) Benzaldehyde	6.74	77	501379	25.244	ng/ul	98
6) Phenol	6.80	94	797824	20.529	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.02	93	603449	21.061	ng/ul	98
10) 2-Chlorophenol	7.16	128	569748	21.265	ng/ul	100
11) 2-Methylphenol	8.03	108	591413	20.486	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.12	45	1179286	21.184	ng/ul	99
14) Acetophenone	8.40	105	975685	20.923	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.39	70	528814	21.087	ng/ul	100
16) 4-Methylphenol	8.35	108	660080	20.431	ng/ul	96
17) Hexachloroethane	8.65	117	219873	21.176	ng/ul	96
20) Nitrobenzene	8.76	77	736580	21.643	ng/ul	99
21) Isophorone	9.29	82	1498507	21.766	ng/ul	99
23) 2-Nitrophenol	9.47	139	332950	21.916	ng/ul	97
24) 2,4-Dimethylphenol	9.55	107	740394	21.505	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.78	93	901081	21.559	ng/ul	99
27) 2,4-Dichlorophenol	10.00	162	586928	21.367	ng/ul	95
28) Naphthalene	10.40	128	1949182	21.455	ng/ul	99
30) 4-Chloroaniline	10.50	127	857238	23.749	ng/ul	99
31) Hexachlorobutadiene	10.70	225	330575	21.577	ng/ul	98
32) Caprolactam	11.28	113	231417m	20.105	ng/ul	
33) 4-Chloro-3-methylphenol	11.64	107	750428	21.436	ng/ul	97
34) 2-Methylnaphthalene	12.02	142	1459540	21.263	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.39	216	716897	21.939 ng/ul	98
37) Hexachlorocyclopentadiene	12.38	237	388919	21.464 ng/ul	99
38) 2,4,6-Trichlorophenol	12.63	196	491843	21.907 ng/ul	99
39) 2,4,5-Trichlorophenol	12.70	196	544937	21.992 ng/ul	96
40) 1,1'-Biphenyl	13.04	154	1935235	21.567 ng/ul	100
41) 2-Chloronaphthalene	13.08	162	1495416	21.759 ng/ul	99
42) 2-Nitroaniline	13.28	65	570115	22.265 ng/ul	99
44) Dimethylphthalate	13.68	163	2017817	21.602 ng/ul	99
45) 2,6-Dinitrotoluene	13.79	165	399718	22.211 ng/ul	90
47) Acenaphthylene	13.93	152	2375446	21.800 ng/ul	98
48) 3-Nitroaniline	14.12	138	425254	21.624 ng/ul	95
49) Acenaphthene	14.27	153	1665349	21.836 ng/ul	98
50) 2,4-Dinitrophenol	14.32	184	213692	19.188 ng/ul	96
52) 4-Nitrophenol	14.43	109	312029	20.823 ng/ul	99
53) Dibenzofuran	14.62	168	2382435	21.403 ng/ul	98
54) 2,4-Dinitrotoluene	14.58	165	610652	22.326 ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	14.85	232	476477	21.642 ng/ul	99
56) Diethylphthalate	15.06	149	2049506	21.534 ng/ul	98
58) Fluorene	15.26	166	1908597	21.286 ng/ul	97
59) 4-Chlorophenyl-phenylether	15.27	204	932444	21.422 ng/ul	98
60) 4-Nitroaniline	15.28	138	505027	21.384 ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.35	198	348319	20.786 ng/ul	100
64) N-Nitrosodiphenylamine	15.48	169	1778939	22.424 ng/ul	98
65) 4-Bromophenyl-phenylether	16.16	248	570208	21.297 ng/ul	95
66) Hexachlorobenzene	16.27	284	625189	21.797 ng/ul	97
67) Atrazine	16.44	200	636641	22.307 ng/ul	97
68) Pentachlorophenol	16.62	266	400518	21.207 ng/ul	98
69) Phenanthrene	17.00	178	3226379	21.786 ng/ul	99
71) Anthracene	17.09	178	3308706	21.977 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.00	216	720999	22.059 ng/uL	97
73) Pentachlorobenzene	14.54	250	708201	21.002 ng/uL	89
74) Carbazole	17.36	167	3045032	22.811 ng/ul	99
75) Di-n-butylphthalate	17.95	149	3615317	22.512 ng/ul	100
76) Fluoranthene	19.02	202	3800303	23.464 ng/ul	100
79) Pyrene	19.39	202	3903702	21.534 ng/ul	100
80) Butylbenzylphthalate	20.31	149	1669029	21.850 ng/ul	97
81) 3,3'-Dichlorobenzidine	21.08	252	1355739	21.663 ng/ul	95
82) Benzo(a)anthracene	21.15	228	3928164	21.642 ng/ul	97
83) Bis(2-ethylhexyl)phthalate	21.10	149	2463204	21.617 ng/ul	100
84) Chrysene	21.20	228	3688799	21.731 ng/ul	98
86) Di-n-octyl phthalate	21.97	149	4219283	25.680 ng/ul	100
87) Benzo(b)fluoranthene	22.68	252	3799878	21.272 ng/ul	100
88) Benzo(k)fluoranthene	22.72	252	3843056	22.790 ng/ul	98
90) Benzo(a)pyrene	23.23	252	3789449	22.180 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.45	276	4319010	21.718 ng/ul	94
92) Dibenzo(a,h)anthracene	25.46	278	3625769	21.620 ng/ul	98
93) Benzo(g,h,i)perylene	26.10	276	3584964	21.225 ng/ul	99

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

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