Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042020\
Data File : BN010555.D
Acq On : 20 Apr 2020 11:09
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD02080

Manual Integrations APPROVED
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4/20/2020 2:27:43 PM

Quant Time: Apr 20 11:54:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Apr 20 11:50:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	351904	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1603759	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.22	164	1074008	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.97	188	2544652	20.00	ng/ul	0.00
78) Chrysene-d12	21.18	240	2853452	20.00	ng/ul	0.00
86) Perylene-d12	23.34	264	2674472	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	51017	7.59	ng/uL	0.00
5) Phenol-d5	6.78	99	556770	20.04	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	318028	22.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	471053	19.89	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	469910	20.06	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	231294	18.72	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	258083	18.74	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	522193	19.34	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	721713	23.31	ng/ul	0.00
44) Dimethylphthalate-d6	13.64	166	1548286	19.43	ng/ul	0.00
47) Acenaphthylene-d8	13.91	160	1897679	19.38	ng/ul	0.00
52) 4-Nitrophenol-d4	14.43	143	294540	18.98	ng/ul	0.00
58) Fluorene-d10	15.22	176	1392604	19.47	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.35	200	236882	17.82	ng/ul	0.00
71) Anthracene-d10	17.07	188	2309457	19.59	ng/ul	0.00
79) Pyrene-d10	19.37	212	2816469	17.49	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.21	264	2678797	19.31	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.23	88	53647	7.540	ng/uL	96
4) Benzaldehyde	6.75	77	362601	25.131	ng/ul	93
6) Phenol	6.80	94	576463	20.043	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.03	93	424349	19.161	ng/ul	95
10) 2-Chlorophenol	7.17	128	485971	20.163	ng/ul	95
11) 2-Methylphenol	8.03	108	445277	19.556	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.12	45	290293	20.615	ng/ul	98
14) Acetophenone	8.40	105	744638	21.024	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.40	70	345901	20.389	ng/ul	97
16) 4-Methylphenol	8.36	108	493958	20.280	ng/ul	96
17) Hexachloroethane	8.66	117	184596	18.467	ng/ul	92
20) Nitrobenzene	8.78	77	559677	19.390	ng/ul	99
21) Isophorone	9.30	82	978469	18.378	ng/ul	98
23) 2-Nitrophenol	9.47	139	279653	18.776	ng/ul	96
24) 2,4-Dimethylphenol	9.55	107	560328	19.076	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.78	93	613094	18.930	ng/ul	97
27) 2,4-Dichlorophenol	10.00	162	521222	19.595	ng/ul	99
28) Naphthalene	10.40	128	1636266	18.984	ng/ul	99
30) 4-Chloroaniline	10.51	127	734803	23.904	ng/ul	100
31) Hexachlorobutadiene	10.70	225	345222	18.644	ng/ul	91
32) Caprolactam	11.27	113	148276	17.567	ng/ul	97
33) 4-Chloro-3-methylphenol	11.65	107	544963	19.551	ng/ul	97
34) 2-Methylnaphthalene	12.02	142	1220614	20.038	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.24	142	1157693	18.989 ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	12.40	216	672095	18.770 ng/ul	96
38) Hexachlorocyclopentadiene	12.39	237	266662	15.305 ng/ul	95
39) 2,4,6-Trichlorophenol	12.64	196	428967	18.487 ng/ul	97
40) 2,4,5-Trichlorophenol	12.71	196	473560	18.977 ng/ul	98
41) 1,1'-Biphenyl	13.05	154	1595823	19.347 ng/ul	99
42) 2-Chloronaphthalene	13.09	162	1281865	19.225 ng/ul	100
43) 2-Nitroaniline	13.29	65	310397	20.068 ng/ul	97
45) Dimethylphthalate	13.69	163	1548393	18.715 ng/ul	100
46) 2,6-Dinitrotoluene	13.80	165	350410	19.916 ng/ul	99
48) Acenaphthylene	13.94	152	2030738	19.656 ng/ul	99
49) 3-Nitroaniline	14.12	138	338674	20.231 ng/ul	94
50) Acenaphthene	14.29	153	1365704	19.317 ng/ul	97
51) 2,4-Dinitrophenol	14.33	184	137098	16.450 ng/ul	93
53) 4-Nitrophenol	14.45	109	251402	20.016 ng/ul	98
54) Dibenzofuran	14.62	168	1995003	20.157 ng/ul	99
55) 2,4-Dinitrotoluene	14.59	165	488565	19.492 ng/ul#	98
56) 2,3,4,6-Tetrachlorophenol	14.86	232	432572m	19.837 ng/ul	
57) Diethylphthalate	15.06	149	1542577	18.545 ng/ul	100
59) Fluorene	15.27	166	1559038	19.212 ng/ul	97
60) 4-Chlorophenyl-phenylether	15.27	204	802952	19.348 ng/ul	98
61) 4-Nitroaniline	15.29	138	412900	21.776 ng/ul	100
64) 4,6-Dinitro-2-methylphenol	15.36	198	261160	18.269 ng/ul#	89
65) N-Nitrosodiphenylamine	15.49	169	1417862	19.234 ng/ul	97
66) 4-Bromophenyl-phenylether	16.17	248	484767	17.449 ng/ul	99
67) Hexachlorobenzene	16.29	284	557495	17.641 ng/ul	99
68) Atrazine	16.45	200	455150	15.631 ng/ul	98
69) Pentachlorophenol	16.63	266	354102	17.552 ng/ul	96
70) Phenanthrene	17.01	178	2752803	19.480 ng/ul	98
72) Anthracene	17.10	178	2745789	19.168 ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.01	216	676528	16.763 ng/uL	96
74) Pentachlorobenzene	14.55	250	646902	16.443 ng/uL	98
75) Carbazole	17.37	167	2551675	21.686 ng/ul	99
76) Di-n-butylphthalate	17.96	149	2720427	18.354 ng/ul	100
77) Fluoranthene	19.03	202	3451314	22.478 ng/ul	97
80) Pyrene	19.40	202	3625406	17.584 ng/ul	96
81) Butylbenzylphthalate	20.33	149	1411183	15.869 ng/ul	98
82) 3,3'-Dichlorobenzidine	21.10	252	1000621	16.270 ng/ul	95
83) Benzo(a)anthracene	21.16	228	3626558	18.321 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.12	149	2103475	16.377 ng/ul	98
85) Chrysene	21.22	228	3394346	18.237 ng/ul	99
87) Di-n-octyl phthalate	21.99	149	3681425	19.352 ng/ul	100
88) Benzo(b)fluoranthene	22.70	252	3388316	19.415 ng/ul	96
89) Benzo(k)fluoranthene	22.75	252	3237104	18.696 ng/ul	97
91) Benzo(a)pyrene	23.26	252	3111417	20.067 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.49	276	3309601	18.963 ng/ul	99
93) Dibenzo(a,h)anthracene	25.50	278	2789613	19.031 ng/ul	98
94) Benzo(g,h,i)perylene	26.14	276	2755825	19.080 ng/ul	96

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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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