Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN010820\
Data File : BN009328.D
Acq On : 08 Jan 2020 14:52
Operator : JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD020514

Manual Integrations APPROVED
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1/9/2020 12:11:22 PM

Quant Time: Jan 08 15:49:44 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM01-EPA-BN010620.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 06 17:39:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	271070	20.00	ng/ul	0.00
18) Naphthalene-d8	10.23	136	1207029	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.11	164	800665	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.86	188	1710171	20.00	ng/ul	0.00
78) Chrysene-d12	21.07	240	1494674	20.00	ng/ul	0.00
86) Perylene-d12	23.19	264	1479122	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.10	96	51443	8.03	ng/uL	0.00
5) Phenol-d5	6.67	99	458527	19.00	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.83	67	323624	19.49	ng/ul	0.00
9) 2-Chlorophenol-d4	7.02	132	353753	20.09	ng/ul	0.00
13) 4-Methylphenol-d8	8.19	113	380857	19.13	ng/ul	0.00
19) Nitrobenzene-d5	8.62	128	180519	20.41	ng/ul	0.00
22) 2-Nitrophenol-d4	9.33	143	201498	20.44	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	9.86	165	377519	20.05	ng/ul	0.00
29) 4-Chloroaniline-d4	10.38	131	399145	18.27	ng/ul	0.00
44) Dimethylphthalate-d6	13.53	166	1173134	19.82	ng/ul	0.00
47) Acenaphthylene-d8	13.80	160	1411462	19.94	ng/ul	0.00
52) 4-Nitrophenol-d4	14.34	143	216967	19.36	ng/ul	0.00
58) Fluorene-d10	15.11	176	1021380	19.84	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.25	200	209216	19.04	ng/ul	0.00
71) Anthracene-d10	16.96	188	1564769	20.15	ng/ul	0.00
79) Pyrene-d10	19.26	212	1710966	21.06	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.06	264	1459054	19.79	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.13	88	54139	7.911	ng/uL	95
4) Benzaldehyde	6.63	77	199501m	14.529	ng/ul	
6) Phenol	6.69	94	478169	18.957	ng/ul	98
8) Bis(2-Chloroethyl)ether	6.92	93	395564	19.601	ng/ul	98
10) 2-Chlorophenol	7.05	128	358630	19.931	ng/ul	98
11) 2-Methylphenol	7.92	108	358581	18.817	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.00	45	953369	19.898	ng/ul	99
14) Acetophenone	8.29	105	606263	19.305	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.28	70	347873	19.863	ng/ul	97
16) 4-Methylphenol	8.25	108	406115	19.275	ng/ul	95
17) Hexachloroethane	8.53	117	163692	19.896	ng/ul	97
20) Nitrobenzene	8.66	77	494557	19.919	ng/ul	94
21) Isophorone	9.18	82	947024	19.851	ng/ul	98
23) 2-Nitrophenol	9.36	139	214583	20.308	ng/ul	99
24) 2,4-Dimethylphenol	9.43	107	472617	20.198	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.66	93	568809	19.815	ng/ul	97
27) 2,4-Dichlorophenol	9.89	162	367926	19.866	ng/ul	96
28) Naphthalene	10.28	128	1254574	19.574	ng/ul	99
30) 4-Chloroaniline	10.40	127	406800	18.688	ng/ul	99
31) Hexachlorobutadiene	10.57	225	238809	19.841	ng/ul	97
32) Caprolactam	11.17	113	122592m	18.311	ng/ul	
33) 4-Chloro-3-methylphenol	11.53	107	455284	19.928	ng/ul	99
34) 2-Methylnaphthalene	11.90	142	887563	19.605	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.12	142	906732	19.621	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.28	216	449599	19.471	ng/ul	94
38) Hexachlorocyclopentadiene	12.26	237	271957	18.834	ng/ul	98
39) 2,4,6-Trichlorophenol	12.53	196	297513	19.824	ng/ul	97
40) 2,4,5-Trichlorophenol	12.60	196	324384	20.116	ng/ul	95
41) 1,1'-Biphenyl	12.94	154	1171532	19.592	ng/ul	99
42) 2-Chloronaphthalene	12.97	162	926290	19.758	ng/ul	97
43) 2-Nitroaniline	13.19	65	358681	20.402	ng/ul	98
45) Dimethylphthalate	13.59	163	1207764	19.862	ng/ul	100
46) 2,6-Dinitrotoluene	13.70	165	249834	20.472	ng/ul	99
48) Acenaphthylene	13.83	152	1517155	20.073	ng/ul	99
49) 3-Nitroaniline	14.03	138	181105	16.729	ng/ul	99
50) Acenaphthene	14.17	153	1004582	19.766	ng/ul	97
51) 2,4-Dinitrophenol	14.24	184	136609	17.885	ng/ul	97
53) 4-Nitrophenol	14.35	109	191623	19.898	ng/ul	94
54) Dibenzofuran	14.52	168	1404624	19.968	ng/ul	99
55) 2,4-Dinitrotoluene	14.49	165	366465	20.620	ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	14.75	232	285850	20.245	ng/ul	95
57) Diethylphthalate	14.96	149	1232999	19.485	ng/ul	98
59) Fluorene	15.17	166	1174998	19.835	ng/ul	95
60) 4-Chlorophenyl-phenylether	15.17	204	583060	19.733	ng/ul	99
61) 4-Nitroaniline	15.20	138	203434	16.480	ng/ul	93
64) 4,6-Dinitro-2-methylphenol	15.26	198	221759	19.196	ng/ul	93
65) N-Nitrosodiphenylamine	15.39	169	996714	19.941	ng/ul	98
66) 4-Bromophenyl-phenylether	16.07	248	346413	19.839	ng/ul	95
67) Hexachlorobenzene	16.17	284	384538	19.641	ng/ul	99
68) Atrazine	16.35	200	375659	19.765	ng/ul	98
69) Pentachlorophenol	16.52	266	223573	18.917	ng/ul	95
70) Phenanthrene	16.90	178	1885462	19.948	ng/ul	99
72) Anthracene	17.00	178	1890195	19.780	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	12.90	216	467190	20.198	ng/uL	95
74) Pentachlorobenzene	14.44	250	445666	19.898	ng/uL	97
75) Carbazole	17.27	167	1621609	19.944	ng/ul	99
76) Di-n-butylphthalate	17.86	149	2157192	20.100	ng/ul	99
77) Fluoranthene	18.93	202	2164624	19.926	ng/ul	98
80) Pyrene	19.29	202	2226155	20.675	ng/ul	96
81) Butylbenzylphthalate	20.23	149	944898	20.926	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.00	252	525056	16.565	ng/ul	98
83) Benzo(a)anthracene	21.06	228	2058958	20.261	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.02	149	1417441	20.810	ng/ul	99
85) Chrysene	21.11	228	1982026	20.043	ng/ul	96
87) Di-n-octyl phthalate	21.87	149	2305291	20.886	ng/ul	100
88) Benzo(b)fluoranthene	22.57	252	1850286	19.847	ng/ul	99
89) Benzo(k)fluoranthene	22.61	252	1820954	19.780	ng/ul	100
91) Benzo(a)pyrene	23.10	252	1644719	19.883	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.27	276	1728988	19.288	ng/ul	96
93) Dibenzo(a,h)anthracene	25.28	278	1461433	19.406	ng/ul	99
94) Benzo(g,h,i)perylene	25.90	276	1350322	18.695	ng/ul	97

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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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