Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081720\
Data File : BN011477.D
Acq On : 18 Aug 2020 08:26
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD02064

Manual Integrations APPROVED
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Quant Time: Aug 18 11:09:00 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 14 15:37:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	184155	20.00	ng/ul	0.00
18) Naphthalene-d8	10.18	136	590674	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.06	164	374030	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.82	188	790816	20.00	ng/ul	0.00
78) Chrysene-d12	21.05	240	842222	20.00	ng/ul	0.00
86) Perylene-d12	23.15	264	814953	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.11	96	34737	9.05	ng/uL	0.00
5) Phenol-d5	6.63	99	272101	20.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	145463	21.91	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	242923	20.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	216334	20.46	ng/ul	0.00
19) Nitrobenzene-d5	8.57	128	107258	23.43	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.28	143	113391	22.02	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.81	165	214329	22.03	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.33	131	251042	21.58	ng/ul	0.00
44) Dimethylphthalate-d6	13.49	166	627862	21.56	ng/ul	0.00
47) Acenaphthylene-d8	13.75	160	741080	21.14	ng/ul	0.00
52) 4-Nitrophenol-d4	14.30	143	103027	20.88	ng/ul	0.00
58) Fluorene-d10	15.07	176	512364	20.10	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.20	200	93875	17.90	ng/ul	0.00
71) Anthracene-d10	16.92	188	790148	20.92	ng/ul	0.00
79) Pyrene-d10	19.23	212	907739	20.98	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.02	264	918594	20.30	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.14	88	35900	7.260	ng/uL	91
4) Benzaldehyde	6.60	77	172517	20.310	ng/ul	99
6) Phenol	6.66	94	295535	22.260	ng/ul	95
8) Bis(2-Chloroethyl)ether	6.88	93	219911	20.897	ng/ul	94
10) 2-Chlorophenol	7.01	128	253707	21.065	ng/ul	96
11) 2-Methylphenol	7.88	108	219586	21.005	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	7.96	45	134028	23.431	ng/ul	99
14) Acetophenone	8.25	105	342696	20.044	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.24	70	160393	21.654	ng/ul	99
16) 4-Methylphenol	8.20	108	229854	20.764	ng/ul	94
17) Hexachloroethane	8.48	117	104242	18.719	ng/ul	96
20) Nitrobenzene	8.61	77	257677	23.031	ng/ul	98
21) Isophorone	9.13	82	386925	19.652	ng/ul	99
23) 2-Nitrophenol	9.31	139	122942	21.412	ng/ul	95
24) 2,4-Dimethylphenol	9.39	107	235505	21.697	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.62	93	241585	20.686	ng/ul	97
27) 2,4-Dichlorophenol	9.84	162	217083	21.969	ng/ul	98
28) Naphthalene	10.23	128	677223	20.544	ng/ul	99
30) 4-Chloroaniline	10.35	127	259857	22.325	ng/ul	96
31) Hexachlorobutadiene	10.52	225	158335	19.675	ng/ul	93
32) Caprolactam	11.13	113	57134m	22.635	ng/ul	
33) 4-Chloro-3-methylphenol	11.48	107	204763	21.824	ng/ul	97
34) 2-Methylnaphthalene	11.85	142	482747	21.365	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.07	142	456745	20.621 ng/uL	97
37) 1,2,4,5-Tetrachlorobenzene	12.23	216	280078	21.393 ng/ul	99
38) Hexachlorocyclopentadiene	12.20	237	136083	15.170 ng/ul	98
39) 2,4,6-Trichlorophenol	12.48	196	171064	22.326 ng/ul	100
40) 2,4,5-Trichlorophenol	12.55	196	189694	22.800 ng/ul	96
41) 1,1'-Biphenyl	12.89	154	636525	21.204 ng/ul	99
42) 2-Chloronaphthalene	12.92	162	495829	20.413 ng/ul	100
43) 2-Nitroaniline	13.15	65	109880	23.006 ng/ul	95
45) Dimethylphthalate	13.54	163	631824	21.135 ng/ul	98
46) 2,6-Dinitrotoluene	13.66	165	127695	21.816 ng/ul	93
48) Acenaphthylene	13.78	152	755531	20.812 ng/ul	97
49) 3-Nitroaniline	13.99	138	123332	23.032 ng/ul	97
50) Acenaphthene	14.13	153	525521	20.680 ng/ul	98
51) 2,4-Dinitrophenol	14.20	184	61698	17.648 ng/ul	92
53) 4-Nitrophenol	14.31	109	98210	20.882 ng/ul	94
54) Dibenzofuran	14.47	168	747792	20.291 ng/ul	99
55) 2,4-Dinitrotoluene	14.45	165	179063	21.271 ng/ul	91
56) 2,3,4,6-Tetrachlorophenol	14.70	232	158691	22.845 ng/ul	95
57) Diethylphthalate	14.92	149	593708	19.964 ng/ul	100
59) Fluorene	15.13	166	626673	21.097 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.13	204	337506	21.776 ng/ul	93
61) 4-Nitroaniline	15.16	138	119486	21.786 ng/ul	94
64) 4,6-Dinitro-2-methylphenol	15.22	198	97839	17.214 ng/ul	94
65) N-Nitrosodiphenylamine	15.35	169	525473	22.214 ng/ul	93
66) 4-Bromophenyl-phenylether	16.03	248	192351	21.382 ng/ul	96
67) Hexachlorobenzene	16.13	284	218633	21.836 ng/ul	97
68) Atrazine	16.32	200	191768	20.817 ng/ul	95
69) Pentachlorophenol	16.48	266	126688	22.074 ng/ul#	79
70) Phenanthrene	16.86	178	979770	20.888 ng/ul	98
72) Anthracene	16.96	178	986802	20.771 ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	12.85	216	272504	21.699 ng/uL	99
74) Pentachlorobenzene	14.39	250	249303	20.717 ng/uL	92
75) Carbazole	17.23	167	865218	21.656 ng/ul	98
76) Di-n-butylphthalate	17.82	149	1028223	22.637 ng/ul	99
77) Fluoranthene	18.89	202	1090767	19.004 ng/ul	98
80) Pyrene	19.26	202	1182876	19.958 ng/ul	97
81) Butylbenzylphthalate	20.20	149	463295	23.171 ng/ul	98
82) 3,3'-Dichlorobenzidine	20.97	252	339310	20.202 ng/ul	97
83) Benzo(a)anthracene	21.03	228	1160524	20.712 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	20.99	149	679422	22.534 ng/ul	100
85) Chrysene	21.08	228	1071781	19.257 ng/ul	96
87) Di-n-octyl phthalate	21.85	149	1150117	21.584 ng/ul	100
88) Benzo(b)fluoranthene	22.53	252	1217896	21.376 ng/ul	98
89) Benzo(k)fluoranthene	22.57	252	1064597	18.814 ng/ul	93
91) Benzo(a)pyrene	23.06	252	1011705	19.272 ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.21	276	1329429	19.759 ng/ul	95
93) Dibenzo(a,h)anthracene	25.22	278	1110641	19.717 ng/ul	95
94) Benzo(g,h,i)perylene	25.83	276	1090127	19.544 ng/ul#	94

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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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