Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101720\
Data File : BN012341.D
Acq On : 18 Oct 2020 22:01
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02064

Manual Integrations APPROVED
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Quant Time: Oct 19 04:24:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN101720.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 17 15:47:34 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	251407	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.36	136	1084681	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.24	164	670182	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.99	188	1407827	20.00	ng/ul	0.00
78) Chrysene-d12	21.19	240	1311191	20.00	ng/ul	0.00
86) Perylene-d12	23.36	264	1448435	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.14	96	42372	7.76	ng/uL	0.00
5) Phenol-d5	6.78	99	478564	21.17	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	285260	21.15	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	373277	21.15	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	396682	21.85	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	186987	20.47	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	211968	20.51	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	9.99	165	390204	21.06	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	456674	20.05	ng/ul	-0.01
44) Dimethylphthalate-d6	13.66	166	1115136	20.50	ng/ul	0.00
47) Acenaphthylene-d8	13.93	160	1345259	20.61	ng/ul	0.00
52) 4-Nitrophenol-d4	14.45	143	213204	20.53	ng/ul	0.00
58) Fluorene-d10	15.23	176	949873	20.43	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.36	200	179250	18.17	ng/ul	0.00
71) Anthracene-d10	17.08	188	1474817	21.32	ng/ul	-0.01
79) Pyrene-d10	19.39	212	1552664	21.90	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.22	264	1601321	19.15	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.18	88	50576	7.839	ng/uL	93
4) Benzaldehyde	6.75	77	147249	11.366	ng/ul	94
6) Phenol	6.80	94	497133	20.990	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.03	93	396551	21.496	ng/ul	99
10) 2-Chlorophenol	7.16	128	393830	21.472	ng/ul	100
11) 2-Methylphenol	8.04	108	378602	21.517	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.12	45	528202	21.541	ng/ul	98
14) Acetophenone	8.42	105	603046	21.461	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.40	70	324490	22.026	ng/ul	96
16) 4-Methylphenol	8.36	108	409441	21.497	ng/ul	100
17) Hexachloroethane	8.66	117	167126	20.817	ng/ul	97
20) Nitrobenzene	8.79	77	497661	20.780	ng/ul	98
21) Isophorone	9.31	82	883930	20.660	ng/ul	99
23) 2-Nitrophenol	9.49	139	229520	20.665	ng/ul	92
24) 2,4-Dimethylphenol	9.56	107	471357	21.025	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.79	93	542933	20.799	ng/ul	99
27) 2,4-Dichlorophenol	10.02	162	390327	21.135	ng/ul	99
28) Naphthalene	10.42	128	1281169	20.334	ng/ul	99
30) 4-Chloroaniline	10.53	127	455287	20.070	ng/ul	97
31) Hexachlorobutadiene	10.70	225	238726	20.248	ng/ul	94
32) Caprolactam	11.31	113	121413m	20.306	ng/ul	
33) 4-Chloro-3-methylphenol	11.66	107	437804	20.930	ng/ul	98
34) 2-Methylnaphthalene	12.03	142	908397	20.950	ng/ul	90

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35) 1-Methylnaphthalene	12.26	142	890933	20.778 ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	12.41	216	437227	20.884 ng/ul	99
38) Hexachlorocyclopentadiene	12.39	237	256105	17.889 ng/ul#	84
39) 2,4,6-Trichlorophenol	12.66	196	307824	21.398 ng/ul	97
40) 2,4,5-Trichlorophenol	12.73	196	320348	21.333 ng/ul	95
41) 1,1'-Biphenyl	13.06	154	1175977	20.824 ng/ul	98
42) 2-Chloronaphthalene	13.10	162	925244	20.907 ng/ul	98
43) 2-Nitroaniline	13.32	65	282359	20.770 ng/ul	97
45) Dimethylphthalate	13.70	163	1177105	20.766 ng/ul	99
46) 2,6-Dinitrotoluene	13.82	165	243734	20.906 ng/ul	95
48) Acenaphthylene	13.96	152	1433545	21.082 ng/ul	98
49) 3-Nitroaniline	14.15	138	204148	19.390 ng/ul	93
50) Acenaphthene	14.30	153	1000482	20.887 ng/ul	97
51) 2,4-Dinitrophenol	14.36	184	127914	17.473 ng/ul	92
53) 4-Nitrophenol	14.46	109	186737	20.991 ng/ul	98
54) Dibenzofuran	14.64	168	1364336	20.926 ng/ul	100
55) 2,4-Dinitrotoluene	14.61	165	352985	21.138 ng/ul	92
56) 2,3,4,6-Tetrachlorophenol	14.87	232	272535	21.073 ng/ul	97
57) Diethylphthalate	15.07	149	1203952	20.956 ng/ul	99
59) Fluorene	15.29	166	1151872	21.006 ng/ul	98
60) 4-Chlorophenyl-phenylether	15.29	204	556591	20.800 ng/ul	93
61) 4-Nitroaniline	15.32	138	231343	20.419 ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.38	198	200641	18.727 ng/ul	94
65) N-Nitrosodiphenylamine	15.50	169	941781	20.680 ng/ul	94
66) 4-Bromophenyl-phenylether	16.18	248	329200	20.955 ng/ul	96
67) Hexachlorobenzene	16.29	284	375109	19.794 ng/ul#	91
68) Atrazine	16.46	200	347643	20.559 ng/ul	99
69) Pentachlorophenol	16.64	266	225945	19.631 ng/ul	90
70) Phenanthrene	17.03	178	1818357	21.005 ng/ul	98
72) Anthracene	17.12	178	1862130	21.380 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.03	216	423519	20.909 ng/uL	91
74) Pentachlorobenzene	14.56	250	441785	21.234 ng/uL	97
75) Carbazole	17.39	167	1604735	20.785 ng/ul	99
76) Di-n-butylphthalate	17.96	149	2025372	20.330 ng/ul	99
77) Fluoranthene	19.05	202	2035891	20.505 ng/ul	97
80) Pyrene	19.42	202	2068417	20.868 ng/ul	99
81) Butylbenzylphthalate	20.33	149	928439	20.900 ng/ul	96
82) 3,3'-Dichlorobenzidine	21.11	252	575206	17.242 ng/ul	98
83) Benzo(a)anthracene	21.17	228	1960049	21.784 ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.11	149	1373705	20.139 ng/ul	98
85) Chrysene	21.22	228	1873837	21.248 ng/ul	97
87) Di-n-octyl phthalate	21.97	149	2335162	19.402 ng/ul	100
88) Benzo(b)fluoranthene	22.71	252	2011180	19.769 ng/ul	100
89) Benzo(k)fluoranthene	22.76	252	1967912	19.924 ng/ul	97
91) Benzo(a)pyrene	23.27	252	1842903	19.765 ng/ul	95
92) Indeno(1,2,3-cd)pyrene	25.53	276	2259614	19.026 ng/ul	98
93) Dibenzo(a,h)anthracene	25.54	278	1869132	18.615 ng/ul	96
94) Benzo(g,h,i)perylene	26.20	276	1897584	19.208 ng/ul	99

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

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