Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081720\
Data File : BN011505.D
Acq On : 19 Aug 2020 03:28
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02067

Manual Integrations APPROVED
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Quant Time: Aug 19 10:01:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 19 02:19:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	149244	20.00	ng/ul	0.00
18) Naphthalene-d8	10.17	136	635959	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	334159	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.82	188	725040	20.00	ng/ul	0.00
78) Chrysene-d12	21.04	240	786036	20.00	ng/ul	0.00
86) Perylene-d12	23.14	264	745472	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.11	96	31362	10.08	ng/uL	0.00
5) Phenol-d5	6.63	99	230126	21.80	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	121891	22.66	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	192704	20.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.14	113	177261	20.69	ng/ul	0.00
19) Nitrobenzene-d5	8.57	128	89527	18.16	ng/ul	0.00
22) 2-Nitrophenol-d4	9.28	143	101817	18.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.81	165	216857	20.70	ng/ul	0.00
29) 4-Chloroaniline-d4	10.32	131	260405	20.79	ng/ul	0.00
44) Dimethylphthalate-d6	13.49	166	535304	20.57	ng/ul	0.00
47) Acenaphthylene-d8	13.75	160	656465	20.97	ng/ul	0.00
52) 4-Nitrophenol-d4	14.29	143	86203	19.56	ng/ul	0.00
58) Fluorene-d10	15.07	176	518214	22.75	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.20	200	96983	20.17	ng/ul	0.00
71) Anthracene-d10	16.92	188	712942	20.58	ng/ul	0.00
79) Pyrene-d10	19.23	212	785784	19.46	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.02	264	869892	21.01	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.14	88	36614	9.136	ng/uL	92
4) Benzaldehyde	6.60	77	147979	21.496	ng/ul	95
6) Phenol	6.66	94	250500	23.281	ng/ul	98
8) Bis(2-Chloroethyl)ether	6.88	93	183594	21.527	ng/ul	96
10) 2-Chlorophenol	7.00	128	202621	20.759	ng/ul	95
11) 2-Methylphenol	7.88	108	174868	20.640	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	7.96	45	97935	21.126	ng/ul	94
14) Acetophenone	8.25	105	284858	20.559	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.23	70	132509	22.074	ng/ul	98
16) 4-Methylphenol	8.20	108	191679	21.366	ng/ul	100
17) Hexachloroethane	8.48	117	92295	20.450	ng/ul	92
20) Nitrobenzene	8.61	77	212971	17.680	ng/ul	98
21) Isophorone	9.13	82	352921	16.648	ng/ul	98
23) 2-Nitrophenol	9.31	139	114086	18.455	ng/ul	98
24) 2,4-Dimethylphenol	9.38	107	213230	18.246	ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.62	93	249835	19.869	ng/ul	97
27) 2,4-Dichlorophenol	9.83	162	215095	20.218	ng/ul	98
28) Naphthalene	10.22	128	707617	19.938	ng/ul	98
30) 4-Chloroaniline	10.35	127	270038	21.548	ng/ul	98
31) Hexachlorobutadiene	10.51	225	167571	19.340	ng/ul	94
32) Caprolactam	11.12	113	44425m	16.347	ng/ul	
33) 4-Chloro-3-methylphenol	11.48	107	190250	18.833	ng/ul	95
34) 2-Methylnaphthalene	11.85	142	447763	18.405	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.07	142	407301	17.079	ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	12.23	216	249879	21.364	ng/ul	96
38) Hexachlorocyclopentadiene	12.20	237	142400	17.768	ng/ul	97
39) 2,4,6-Trichlorophenol	12.47	196	155134	22.663	ng/ul	95
40) 2,4,5-Trichlorophenol	12.55	196	172124	23.156	ng/ul	97
41) 1,1'-Biphenyl	12.89	154	578271	21.562	ng/ul	99
42) 2-Chloronaphthalene	12.92	162	462695	21.322	ng/ul	99
43) 2-Nitroaniline	13.14	65	97499	22.850	ng/ul	97
45) Dimethylphthalate	13.53	163	559809	20.961	ng/ul	97
46) 2,6-Dinitrotoluene	13.65	165	112245	21.465	ng/ul	93
48) Acenaphthylene	13.77	152	681273	21.005	ng/ul	98
49) 3-Nitroaniline	13.98	138	100678	21.045	ng/ul	90
50) Acenaphthene	14.13	153	481873	21.225	ng/ul	99
51) 2,4-Dinitrophenol	14.20	184	54764	17.534	ng/ul	96
53) 4-Nitrophenol	14.31	109	87397	20.800	ng/ul	92
54) Dibenzofuran	14.47	168	673486	20.455	ng/ul	98
55) 2,4-Dinitrotoluene	14.45	165	162679	21.630	ng/ul#	99
56) 2,3,4,6-Tetrachlorophenol	14.70	232	142593	22.977	ng/ul	97
57) Diethylphthalate	14.92	149	547307	20.600	ng/ul	100
59) Fluorene	15.12	166	594065	22.386	ng/ul	95
60) 4-Chlorophenyl-phenylether	15.13	204	306890	22.164	ng/ul	99
61) 4-Nitroaniline	15.15	138	118866	24.259	ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.22	198	98973	18.993	ng/ul	99
65) N-Nitrosodiphenylamine	15.35	169	513778	23.690	ng/ul	94
66) 4-Bromophenyl-phenylether	16.02	248	177168	21.481	ng/ul	99
67) Hexachlorobenzene	16.13	284	188708	20.557	ng/ul	98
68) Atrazine	16.32	200	167372	19.817	ng/ul	92
69) Pentachlorophenol	16.48	266	109588	20.826	ng/ul#	75
70) Phenanthrene	16.86	178	864795	20.109	ng/ul	98
72) Anthracene	16.95	178	881498	20.238	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	12.85	216	252378	21.920	ng/uL	96
74) Pentachlorobenzene	14.39	250	224791	20.374	ng/uL#	88
75) Carbazole	17.23	167	770166	21.026	ng/ul	100
76) Di-n-butylphthalate	17.82	149	892561	21.433	ng/ul	99
77) Fluoranthene	18.89	202	1102358	20.948	ng/ul	98
80) Pyrene	19.26	202	1065911	19.270	ng/ul	99
81) Butylbenzylphthalate	20.19	149	395933	21.218	ng/ul	97
82) 3,3'-Dichlorobenzidine	20.97	252	337194	21.511	ng/ul	95
83) Benzo(a)anthracene	21.02	228	1079785	20.648	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	20.99	149	607084	21.574	ng/ul	99
85) Chrysene	21.07	228	1010653	19.457	ng/ul	99
87) Di-n-octyl phthalate	21.84	149	1031419	21.160	ng/ul	100
88) Benzo(b)fluoranthene	22.53	252	1095177	21.014	ng/ul	99
89) Benzo(k)fluoranthene	22.57	252	1080163	20.868	ng/ul	99
91) Benzo(a)pyrene	23.05	252	973704	20.277	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.19	276	1327991	21.577	ng/ul	95
93) Dibenzo(a,h)anthracene	25.20	278	1133498	21.998	ng/ul	99
94) Benzo(g,h,i)perylene	25.82	276	1045715	20.495	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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