Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081720\
Data File : BN011484.D
Acq On : 18 Aug 2020 12:40
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD02065

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Quant Time: Aug 18 13:34:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 18 11:09:24 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	137914	20.00	ng/ul	0.00
18) Naphthalene-d8	10.18	136	530528	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	326495	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.82	188	730172	20.00	ng/ul	0.00
78) Chrysene-d12	21.05	240	891373	20.00	ng/ul	0.00
86) Perylene-d12	23.15	264	810748	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.11	96	24319	8.46	ng/uL	0.00
5) Phenol-d5	6.63	99	208755	21.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	108843	21.89	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	173473	19.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	157731	19.92	ng/ul	0.00
19) Nitrobenzene-d5	8.57	128	82971	20.18	ng/ul	0.00
22) 2-Nitrophenol-d4	9.28	143	90278	19.52	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.82	165	184021	21.06	ng/ul	0.00
29) 4-Chloroaniline-d4	10.33	131	202764	19.41	ng/ul	0.00
44) Dimethylphthalate-d6	13.49	166	475435	18.70	ng/ul	0.00
47) Acenaphthylene-d8	13.75	160	590412	19.30	ng/ul	0.00
52) 4-Nitrophenol-d4	14.29	143	79567	18.47	ng/ul	0.00
58) Fluorene-d10	15.07	176	433338	19.47	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.20	200	77712	16.05	ng/ul	0.00
71) Anthracene-d10	16.92	188	649299	18.62	ng/ul	0.00
79) Pyrene-d10	19.23	212	865335	18.90	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.02	264	841811	18.70	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.14	88	30227	8.162	ng/uL	97
4) Benzaldehyde	6.60	77	143432	22.547	ng/ul	96
6) Phenol	6.66	94	223519	22.480	ng/ul	95
8) Bis(2-Chloroethyl)ether	6.88	93	156875	19.905	ng/ul	97
10) 2-Chlorophenol	7.01	128	174506	19.347	ng/ul	98
11) 2-Methylphenol	7.88	108	149699	19.121	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	7.96	45	85113	19.869	ng/ul	97
14) Acetophenone	8.25	105	241663	18.874	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.23	70	113514	20.464	ng/ul	98
16) 4-Methylphenol	8.20	108	161808	19.518	ng/ul	96
17) Hexachloroethane	8.48	117	80574	19.320	ng/ul	95
20) Nitrobenzene	8.62	77	184962	18.406	ng/ul	96
21) Isophorone	9.13	82	312763	17.686	ng/ul	100
23) 2-Nitrophenol	9.31	139	97913	18.986	ng/ul	96
24) 2,4-Dimethylphenol	9.39	107	185524	19.030	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.62	93	197931	18.870	ng/ul	98
27) 2,4-Dichlorophenol	9.84	162	181568	20.458	ng/ul	96
28) Naphthalene	10.23	128	565374	19.096	ng/ul	99
30) 4-Chloroaniline	10.35	127	205066	19.615	ng/ul	95
31) Hexachlorobutadiene	10.52	225	133344	18.448	ng/ul	92
32) Caprolactam	11.13	113	44785m	19.754	ng/ul	
33) 4-Chloro-3-methylphenol	11.48	107	167689	19.899	ng/ul	96
34) 2-Methylnaphthalene	11.85	142	396886	19.556	ng/ul	93

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35) 1-Methylnaphthalene	12.07	142	386393	19.423 ng/uL	97
37) 1,2,4,5-Tetrachlorobenzene	12.23	216	223497	19.557 ng/ul	94
38) Hexachlorocyclopentadiene	12.20	237	117213	14.969 ng/ul	89
39) 2,4,6-Trichlorophenol	12.48	196	134486	20.108 ng/ul	98
40) 2,4,5-Trichlorophenol	12.55	196	146680	20.197 ng/ul	95
41) 1,1'-Biphenyl	12.89	154	500770	19.111 ng/ul	99
42) 2-Chloronaphthalene	12.92	162	418363	19.732 ng/ul	98
43) 2-Nitroaniline	13.15	65	85814	20.583 ng/ul	97
45) Dimethylphthalate	13.54	163	502493	19.256 ng/ul	97
46) 2,6-Dinitrotoluene	13.66	165	101855	19.935 ng/ul	95
48) Acenaphthylene	13.78	152	599213	18.909 ng/ul	98
49) 3-Nitroaniline	13.99	138	91585	19.594 ng/ul	97
50) Acenaphthene	14.13	153	424434	19.134 ng/ul	96
51) 2,4-Dinitrophenol	14.20	184	45526	14.918 ng/ul	93
53) 4-Nitrophenol	14.31	109	77426	18.859 ng/ul	93
54) Dibenzofuran	14.47	168	609615	18.950 ng/ul	96
55) 2,4-Dinitrotoluene	14.45	165	149315	20.319 ng/ul	93
56) 2,3,4,6-Tetrachlorophenol	14.70	232	120103	19.807 ng/ul	95
57) Diethylphthalate	14.92	149	502852	19.371 ng/ul	98
59) Fluorene	15.13	166	498622	19.230 ng/ul	96
60) 4-Chlorophenyl-phenylether	15.13	204	266927	19.730 ng/ul	97
61) 4-Nitroaniline	15.16	138	101634	21.229 ng/ul	91
64) 4,6-Dinitro-2-methylphenol	15.22	198	84220	16.048 ng/ul	96
65) N-Nitrosodiphenylamine	15.35	169	412697	18.895 ng/ul	98
66) 4-Bromophenyl-phenylether	16.02	248	150647	18.137 ng/ul	97
67) Hexachlorobenzene	16.13	284	175770	19.013 ng/ul	95
68) Atrazine	16.32	200	158240	18.604 ng/ul	97
69) Pentachlorophenol	16.48	266	97281	18.358 ng/ul#	86
70) Phenanthrene	16.86	178	799071	18.451 ng/ul	98
72) Anthracene	16.96	178	832538	18.980 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	12.85	216	215441	18.580 ng/uL	93
74) Pentachlorobenzene	14.39	250	212053	19.085 ng/uL	98
75) Carbazole	17.23	167	696367	18.877 ng/ul	99
76) Di-n-butylphthalate	17.82	149	809147	19.294 ng/ul	100
77) Fluoranthene	18.89	202	1110923	20.963 ng/ul	99
80) Pyrene	19.26	202	1170100	18.654 ng/ul	98
81) Butylbenzylphthalate	20.20	149	406550	19.212 ng/ul	97
82) 3,3'-Dichlorobenzidine	20.97	252	353937	19.911 ng/ul	99
83) Benzo(a)anthracene	21.03	228	1145318	19.313 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	20.99	149	636768	19.955 ng/ul	99
85) Chrysene	21.08	228	1092711	18.551 ng/ul	98
87) Di-n-octyl phthalate	21.85	149	1051367	19.833 ng/ul	100
88) Benzo(b)fluoranthene	22.53	252	1082412	19.097 ng/ul	97
89) Benzo(k)fluoranthene	22.57	252	1137315	20.203 ng/ul	97
91) Benzo(a)pyrene	23.06	252	957765	18.340 ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.20	276	1169935	17.479 ng/ul	95
93) Dibenzo(a,h)anthracene	25.22	278	982051	17.524 ng/ul	99
94) Benzo(g,h,i)perylene	25.83	276	980002	17.661 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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