Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081420\
Data File : BN011429.D
Acq On : 14 Aug 2020 17:00
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD02058

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Quant Time: Aug 14 17:35:02 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	153471	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.17	136	595471	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.07	164	386833	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.82	188	766908	20.00	ng/ul	0.00
78) Chrysene-d12	21.04	240	839695	20.00	ng/ul	0.00
86) Perylene-d12	23.16	264	912458	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.11	96	25708	8.04	ng/uL	0.00
5) Phenol-d5	6.63	99	213581	19.68	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	115236	20.83	ng/ul	-0.01
9) 2-Chlorophenol-d4	6.98	132	211290	21.72	ng/ul	0.00
13) 4-Methylphenol-d8	8.14	113	161853	18.37	ng/ul	-0.01
19) Nitrobenzene-d5	8.57	128	84226	18.25	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.28	143	102192	19.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.81	165	200163	20.41	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.33	131	208400	17.77	ng/ul	0.00
44) Dimethylphthalate-d6	13.49	166	530240	17.60	ng/ul	0.00
47) Acenaphthylene-d8	13.75	160	628014	17.33	ng/ul	0.00
52) 4-Nitrophenol-d4	14.29	143	89915	17.62	ng/ul	0.00
58) Fluorene-d10	15.07	176	481481	18.26	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.20	200	91814	18.05	ng/ul	0.00
71) Anthracene-d10	16.92	188	694638	18.96	ng/ul	0.00
79) Pyrene-d10	19.23	212	791464	18.35	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.03	264	957709	18.90	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.14	88	30294	7.351	ng/uL	92
4) Benzaldehyde	6.60	77	151169	21.354	ng/ul	97
6) Phenol	6.66	94	224945	20.330	ng/ul	99
8) Bis(2-Chloroethyl)ether	6.88	93	177363	20.223	ng/ul	97
10) 2-Chlorophenol	7.00	128	213599	21.281	ng/ul	96
11) 2-Methylphenol	7.88	108	154917	17.781	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	7.95	45	88029m	18.466	ng/ul	
14) Acetophenone	8.25	105	260217	18.263	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.23	70	121129	19.623	ng/ul	99
16) 4-Methylphenol	8.20	108	168942	18.313	ng/ul	98
17) Hexachloroethane	8.48	117	85071	18.331	ng/ul	95
20) Nitrobenzene	8.61	77	197819	17.538	ng/ul	96
21) Isophorone	9.13	82	326845	16.467	ng/ul	98
23) 2-Nitrophenol	9.31	139	111761	19.308	ng/ul	96
24) 2,4-Dimethylphenol	9.39	107	215854	19.726	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.62	93	247685	21.038	ng/ul	97
27) 2,4-Dichlorophenol	9.84	162	198274	19.904	ng/ul	97
28) Naphthalene	10.22	128	576826	17.358	ng/ul	99
30) 4-Chloroaniline	10.35	127	209356	17.842	ng/ul	98
31) Hexachlorobutadiene	10.52	225	140133	17.273	ng/ul	97
32) Caprolactam	11.13	113	42493m	16.699	ng/ul	
33) 4-Chloro-3-methylphenol	11.48	107	176939	18.707	ng/ul	99
34) 2-Methylnaphthalene	11.85	142	414548	18.199	ng/ul	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.07	142	398528	17.848	ng/uL	100
37) 1,2,4,5-Tetrachlorobenzene	12.23	216	234017	17.283	ng/ul	98
38) Hexachlorocyclopentadiene	12.21	237	158716	17.107	ng/ul#	98
39) 2,4,6-Trichlorophenol	12.48	196	141584	17.867	ng/ul	95
40) 2,4,5-Trichlorophenol	12.55	196	151574	17.615	ng/ul	96
41) 1,1'-Biphenyl	12.89	154	542644	17.479	ng/ul	97
42) 2-Chloronaphthalene	12.92	162	440542	17.537	ng/ul	100
43) 2-Nitroaniline	13.15	65	90352	18.291	ng/ul	98
45) Dimethylphthalate	13.54	163	537954	17.400	ng/ul	98
46) 2,6-Dinitrotoluene	13.66	165	109771	18.133	ng/ul	92
48) Acenaphthylene	13.78	152	651735	17.358	ng/ul	95
49) 3-Nitroaniline	13.99	138	108570	19.604	ng/ul	97
50) Acenaphthene	14.13	153	490288	18.655	ng/ul	99
51) 2,4-Dinitrophenol	14.20	184	62174	17.195	ng/ul	94
53) 4-Nitrophenol	14.31	109	87927	18.077	ng/ul	93
54) Dibenzofuran	14.47	168	750121	19.680	ng/ul	97
55) 2,4-Dinitrotoluene	14.45	165	180418	20.722	ng/ul	96
56) 2,3,4,6-Tetrachlorophenol	14.71	232	149655	20.831	ng/ul#	99
57) Diethylphthalate	14.93	149	588203	19.124	ng/ul	98
59) Fluorene	15.13	166	555233	18.074	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.13	204	293544	18.313	ng/ul	97
61) 4-Nitroaniline	15.16	138	105591m	18.615	ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.22	198	104577	18.973	ng/ul	99
65) N-Nitrosodiphenylamine	15.35	169	433053	18.877	ng/ul	98
66) 4-Bromophenyl-phenylether	16.03	248	162787	18.660	ng/ul	98
67) Hexachlorobenzene	16.13	284	186282	19.185	ng/ul	94
68) Atrazine	16.32	200	167147	18.710	ng/ul	97
69) Pentachlorophenol	16.48	266	98010	17.609	ng/ul	83
70) Phenanthrene	16.87	178	848683	18.657	ng/ul	98
72) Anthracene	16.96	178	881829	19.140	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.85	216	224983	18.474	ng/uL	95
74) Pentachlorobenzene	14.39	250	230080	19.715	ng/uL	92
75) Carbazole	17.23	167	731299	18.875	ng/ul	99
76) Di-n-butylphthalate	17.82	149	902585	20.491	ng/ul	100
77) Fluoranthene	18.90	202	1014212	18.221	ng/ul	98
80) Pyrene	19.26	202	1068220	18.078	ng/ul	99
81) Butylbenzylphthalate	20.20	149	366572	18.389	ng/ul	99
82) 3,3'-Dichlorobenzidine	20.97	252	315889	18.864	ng/ul	99
83) Benzo(a)anthracene	21.03	228	1042482	18.661	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.00	149	575036	19.129	ng/ul	99
85) Chrysene	21.08	228	1025803	18.486	ng/ul	99
87) Di-n-octyl phthalate	21.85	149	1082706	18.147	ng/ul	100
88) Benzo(b)fluoranthene	22.54	252	1183975	18.560	ng/ul	99
89) Benzo(k)fluoranthene	22.58	252	1241309	19.593	ng/ul	97
91) Benzo(a)pyrene	23.07	252	1111789	18.916	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.22	276	1253081	16.634	ng/ul	98
93) Dibenzo(a,h)anthracene	25.23	278	1036279	16.431	ng/ul	96
94) Benzo(g,h,i)perylene	25.83	276	1025722	16.424	ng/ul	95

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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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