Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN070920\
Data File : BN011127.D
Acq On : 09 Jul 2020 09:15
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02058

Quant Time: Jul 09 09:52:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN070820MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 08 19:09:27 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	248484	20.00	ng/ul	0.00
18) Naphthalene-d8	10.25	136	947167	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.13	164	547844	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.89	188	1121999	20.00	ng/ul	0.00
78) Chrysene-d12	21.10	240	1122936	20.00	ng/ul	0.00
86) Perylene-d12	23.23	264	1084207	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	49008	7.31	ng/uL	0.00
5) Phenol-d5	6.71	99	340423	18.68	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.86	67	190764	18.19	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	300850	18.39	ng/ul	0.00
13) 4-Methylphenol-d8	8.22	113	267375	18.37	ng/ul	0.00
19) Nitrobenzene-d5	8.65	128	142230	18.03	ng/ul	0.00
22) 2-Nitrophenol-d4	9.35	143	156402	19.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.89	165	289344	18.52	ng/ul	0.00
29) 4-Chloroaniline-d4	10.40	131	360283	22.52	ng/ul	0.00
44) Dimethylphthalate-d6	13.56	166	792351	18.58	ng/ul	0.00
47) Acenaphthylene-d8	13.82	160	992998	19.05	ng/ul	0.00
52) 4-Nitrophenol-d4	14.36	143	126260	19.03	ng/ul	0.00
58) Fluorene-d10	15.13	176	766491	20.11	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.26	200	136030	20.21	ng/ul	0.00
71) Anthracene-d10	16.98	188	1040398	18.81	ng/ul	0.00
79) Pyrene-d10	19.29	212	1122949	18.41	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.10	264	1155937	20.10	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.23	88	52593	7.429	ng/uL	99
4) Benzaldehyde	6.67	77	227253	22.705	ng/ul	98
6) Phenol	6.73	94	372695	18.767	ng/ul	99
8) Bis(2-Chloroethyl)ether	6.95	93	289590	18.383	ng/ul	96
10) 2-Chlorophenol	7.09	128	326351	18.758	ng/ul	99
11) 2-Methylphenol	7.95	108	276846	18.713	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.03	45	180888	17.467	ng/ul	92
14) Acetophenone	8.32	105	468618	18.915	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.31	70	205153	18.351	ng/ul	99
16) 4-Methylphenol	8.27	108	297970	19.055	ng/ul	99
17) Hexachloroethane	8.56	117	149889	17.909	ng/ul	99
20) Nitrobenzene	8.69	77	360251	17.415	ng/ul	97
21) Isophorone	9.21	82	651940	20.005	ng/ul	98
23) 2-Nitrophenol	9.39	139	187935	20.534	ng/ul	96
24) 2,4-Dimethylphenol	9.46	107	354978	18.420	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.69	93	361580	17.520	ng/ul	99
27) 2,4-Dichlorophenol	9.92	162	297263	18.251	ng/ul	98
28) Naphthalene	10.30	128	1005163	18.194	ng/ul	98
30) 4-Chloroaniline	10.42	127	375751	22.656	ng/ul	94
31) Hexachlorobutadiene	10.59	225	222856	17.602	ng/ul	98
32) Caprolactam	11.19	113	67233	18.341	ng/ul	98
33) 4-Chloro-3-methylphenol	11.56	107	298267	18.890	ng/ul	98
34) 2-Methylnaphthalene	11.92	142	754590	19.788	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.15	142	693705	19.750	ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	12.30	216	368429	17.842	ng/ul	95
38) Hexachlorocyclopentadiene	12.28	237	261136	19.069	ng/ul	97
39) 2,4,6-Trichlorophenol	12.55	196	223446	18.828	ng/ul	94
40) 2,4,5-Trichlorophenol	12.62	196	239316	19.130	ng/ul	97
41) 1,1'-Biphenyl	12.96	154	891587	18.554	ng/ul	99
42) 2-Chloronaphthalene	12.99	162	697370	18.281	ng/ul	98
43) 2-Nitroaniline	13.20	65	162665	18.652	ng/ul	90
45) Dimethylphthalate	13.60	163	843554	18.813	ng/ul	98
46) 2,6-Dinitrotoluene	13.72	165	165936	19.052	ng/ul	97
48) Acenaphthylene	13.85	152	1047216	18.976	ng/ul	99
49) 3-Nitroaniline	14.05	138	157171	20.231	ng/ul	96
50) Acenaphthene	14.19	153	739810	18.924	ng/ul	98
51) 2,4-Dinitrophenol	14.26	184	80779	17.070	ng/ul	95
53) 4-Nitrophenol	14.37	109	126476	19.672	ng/ul	91
54) Dibenzofuran	14.53	168	1032050	18.767	ng/ul	96
55) 2,4-Dinitrotoluene	14.51	165	235490	19.500	ng/ul	95
56) 2,3,4,6-Tetrachlorophenol	14.77	232	195359	19.285	ng/ul	98
57) Diethylphthalate	14.98	149	879757	20.029	ng/ul	99
59) Fluorene	15.19	166	889009	19.714	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.19	204	464450	20.068	ng/ul	97
61) 4-Nitroaniline	15.22	138	166839	20.122	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.28	198	145391	20.646	ng/ul	93
65) N-Nitrosodiphenylamine	15.41	169	724182	19.733	ng/ul	99
66) 4-Bromophenyl-phenylether	16.09	248	254377	19.648	ng/ul	92
67) Hexachlorobenzene	16.20	284	283275	19.348	ng/ul	95
68) Atrazine	16.37	200	241410	20.096	ng/ul	94
69) Pentachlorophenol	16.54	266	148470	19.271	ng/ul	90
70) Phenanthrene	16.93	178	1312846	19.247	ng/ul	98
72) Anthracene	17.02	178	1317119	19.105	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	12.92	216	367455	18.519	ng/uL	98
74) Pentachlorobenzene	14.46	250	330070	18.446	ng/uL	92
75) Carbazole	17.29	167	1111368	20.096	ng/ul	99
76) Di-n-butylphthalate	17.88	149	1342064	20.548	ng/ul	99
77) Fluoranthene	18.95	202	1449512	19.827	ng/ul	100
80) Pyrene	19.32	202	1534820	18.614	ng/ul	99
81) Butylbenzylphthalate	20.25	149	563040	20.274	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.03	252	431181	19.632	ng/ul	98
83) Benzo(a)anthracene	21.09	228	1484322	19.169	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.04	149	881134	20.819	ng/ul	99
85) Chrysene	21.13	228	1419250	18.719	ng/ul	100
87) Di-n-octyl phthalate	21.90	149	1534055	22.700	ng/ul	100
88) Benzo(b)fluoranthene	22.60	252	1440352	19.276	ng/ul	98
89) Benzo(k)fluoranthene	22.65	252	1419002	19.862	ng/ul	98
91) Benzo(a)pyrene	23.14	252	1263729	19.392	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.33	276	1620187	19.616	ng/ul	96
93) Dibenzo(a,h)anthracene	25.34	278	1368349	20.049	ng/ul	98
94) Benzo(g,h,i)perylene	25.96	276	1342320	19.843	ng/ul	98

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

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