Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100920\
Data File : BN012122.D
Acq On : 09 Oct 2020 13:21
Operator : CG/JU
Sample : SSTD08051
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD08051

Manual Integrations APPROVED
mohammad
10/12/2020 11:35:18 AM

Quant Time: Oct 09 13:54:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100920.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 09 12:44:31 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	230939	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	927496	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.28	164	611244	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	1362725	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	1393450	20.00	ng/ul	0.00
86) Perylene-d12	23.44	264	1414033	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.16	96	173242	32.64	ng/uL	0.00
5) Phenol-d5	6.82	99	1714642	88.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	1015965	85.80	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	1394525	89.47	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	1369132	90.24	ng/ul	0.01
19) Nitrobenzene-d5	8.79	128	680014	92.34	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	779311	97.84	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.04	165	1363451	89.26	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	1702237	94.53	ng/ul	0.00
44) Dimethylphthalate-d6	13.70	166	4194386	87.48	ng/ul	0.00
47) Acenaphthylene-d8	13.97	160	5065492	88.51	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	833848	94.44	ng/ul	0.01
58) Fluorene-d10	15.28	176	3583217	85.63	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.41	200	815268	93.74	ng/ul	0.02
71) Anthracene-d10	17.13	188	5632902	85.24	ng/ul	0.00
79) Pyrene-d10	19.43	212	6420761	87.61	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.30	264	6948353	87.56	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.20	88	198627	29.807	ng/uL	90
4) Benzaldehyde	6.79	77	975905	87.958	ng/ul	97
6) Phenol	6.85	94	1770542	88.312	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.08	93	1384235	84.982	ng/ul	99
10) 2-Chlorophenol	7.20	128	1415287	87.795	ng/ul	97
11) 2-Methylphenol	8.08	108	1337752	89.831	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.17	45	1808740	86.103	ng/ul	99
14) Acetophenone	8.46	105	2122136	87.761	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.46	70	1128079	92.967	ng/ul	96
16) 4-Methylphenol	8.42	108	1420943	88.984	ng/ul	95
17) Hexachloroethane	8.70	117	627197	85.513	ng/ul	99
20) Nitrobenzene	8.83	77	1727300	84.853	ng/ul	99
21) Isophorone	9.36	82	3179531	93.186	ng/ul	99
23) 2-Nitrophenol	9.53	139	827695	93.950	ng/ul	96
24) 2,4-Dimethylphenol	9.60	107	1641318	85.856	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.84	93	1909621	89.185	ng/ul	99
27) 2,4-Dichlorophenol	10.06	162	1368129	88.449	ng/ul	95
28) Naphthalene	10.46	128	4521008	85.166	ng/ul	98
30) 4-Chloroaniline	10.57	127	1670079	92.085	ng/ul	97
31) Hexachlorobutadiene	10.75	225	870219	83.093	ng/ul	96
32) Caprolactam	11.37	113	445515m	104.451	ng/ul	
33) 4-Chloro-3-methylphenol	11.71	107	1599554	95.156	ng/ul	98
34) 2-Methylnaphthalene	12.08	142	3208343	87.943	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.30	142	3124988	86.681 ng/uL	100
37) 1,2,4,5-Tetrachlorobenzene	12.46	216	1556701	78.617 ng/ul	95
38) Hexachlorocyclopentadiene	12.43	237	1123874	80.273 ng/ul	99
39) 2,4,6-Trichlorophenol	12.70	196	1117875	90.044 ng/ul	95
40) 2,4,5-Trichlorophenol	12.77	196	1205638	90.025 ng/ul	96
41) 1,1'-Biphenyl	13.11	154	4118378	81.341 ng/ul	99
42) 2-Chloronaphthalene	13.15	162	3318428	82.296 ng/ul	99
43) 2-Nitroaniline	13.36	65	1096939	94.928 ng/ul	99
45) Dimethylphthalate	13.75	163	4419010	89.441 ng/ul	98
46) 2,6-Dinitrotoluene	13.86	165	966847	100.257 ng/ul	96
48) Acenaphthylene	14.00	152	5161485	85.831 ng/ul	98
49) 3-Nitroaniline	14.19	138	848543	96.432 ng/ul	99
50) Acenaphthene	14.35	153	3534485	81.780 ng/ul	97
51) 2,4-Dinitrophenol	14.40	184	628377	106.878 ng/ul	93
53) 4-Nitrophenol	14.51	109	754079	91.665 ng/ul	95
54) Dibenzofuran	14.68	168	4968651	84.264 ng/ul	95
55) 2,4-Dinitrotoluene	14.66	165	1394566	99.618 ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	14.91	232	1056581	94.520 ng/ul	98
57) Diethylphthalate	15.12	149	4562822	89.734 ng/ul	97
59) Fluorene	15.33	166	4227036	85.513 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.33	204	2076143	86.051 ng/ul	90
61) 4-Nitroaniline	15.37	138	952796	100.208 ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.42	198	888982	93.976 ng/ul#	98
65) N-Nitrosodiphenylamine	15.55	169	3624544	83.397 ng/ul	96
66) 4-Bromophenyl-phenylether	16.23	248	1298064	83.288 ng/ul	95
67) Hexachlorobenzene	16.34	284	1555634	85.541 ng/ul	92
68) Atrazine	16.51	200	1422928	89.482 ng/ul	97
69) Pentachlorophenol	16.68	266	974296	90.363 ng/ul	98
70) Phenanthrene	17.07	178	7007143	84.403 ng/ul	98
72) Anthracene	17.17	178	7053251	84.139 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.07	216	1506039	76.025 ng/uL	95
74) Pentachlorobenzene	14.60	250	1563385	76.940 ng/uL	92
75) Carbazole	17.44	167	6331529	86.986 ng/ul	97
76) Di-n-butylphthalate	18.01	149	8424402	91.143 ng/ul	100
77) Fluoranthene	19.10	202	8270144	88.691 ng/ul	99
80) Pyrene	19.46	202	8415879	83.729 ng/ul	97
81) Butylbenzylphthalate	20.37	149	4091205	99.007 ng/ul	88
82) 3,3'-Dichlorobenzidine	21.16	252	2946728	90.896 ng/ul	99
83) Benzo(a)anthracene	21.22	228	8025474	85.492 ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.16	149	6157109	97.088 ng/ul#	96
85) Chrysene	21.27	228	7628745	82.664 ng/ul	99
87) Di-n-octyl phthalate	22.03	149	10324121	98.303 ng/ul	100
88) Benzo(b)fluoranthene	22.78	252	8564709	86.461 ng/ul	97
89) Benzo(k)fluoranthene	22.83	252	8057614	82.577 ng/ul	99
91) Benzo(a)pyrene	23.35	252	7743505	86.175 ng/ul	95
92) Indeno(1,2,3-cd)pyrene	25.65	276	9962722	86.828 ng/ul	98
93) Dibenzo(a,h)anthracene	25.67	278	8234550	87.114 ng/ul	98
94) Benzo(g,h,i)perylene	26.33	276	8202430	83.941 ng/ul	96

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

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