Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100920\
Data File : BN012118.D
Acq On : 09 Oct 2020 10:56
Operator : CG/JU
Sample : SSTD00553
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD00553

Manual Integrations APPROVED
mohammad
10/12/2020 11:35:08 AM

Quant Time: Oct 09 12:58:17 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	203435	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	790955	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	487630	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	1082843	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	1237896	20.00	ng/ul	0.00
86) Perylene-d12	23.43	264	1285698	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.17	96	8662	1.85	ng/uL	0.00
5) Phenol-d5	0.00	99	0d	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0d	0.00	ng/ul	
9) 2-Chlorophenol-d4	7.17	132	63478	4.62	ng/ul	0.00
13) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
19) Nitrobenzene-d5	8.79	128	27791	4.43	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	29335	4.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	60307	4.63	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.69	166	185539	4.85	ng/ul	0.00
47) Acenaphthylene-d8	13.97	160	213820	4.68	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	15.27	176	166047	4.97	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	17.12	188	251410	4.79	ng/ul	0.00
79) Pyrene-d10	19.43	212	281844	4.33	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.29	264	328455	4.55	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.20	88	8608	1.466	ng/uL	91
10) 2-Chlorophenol	7.20	128	65679	4.625	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.44	70	48725	4.558	ng/ul	96
17) Hexachloroethane	8.70	117	28584	4.424	ng/ul	98
20) Nitrobenzene	8.83	77	80367	4.630	ng/ul	94
21) Isophorone	9.35	82	130799	4.495	ng/ul	99
23) 2-Nitrophenol	9.53	139	34427	4.582	ng/ul	96
24) 2,4-Dimethylphenol	9.59	107	73790	4.526	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.83	93	88668	4.856	ng/ul	99
27) 2,4-Dichlorophenol	10.06	162	59727	4.528	ng/ul	92
28) Naphthalene	10.46	128	218654	4.830	ng/ul#	96
31) Hexachlorobutadiene	10.75	225	40757	4.564	ng/ul	92
33) 4-Chloro-3-methylphenol	11.70	107	64888	4.527	ng/ul	98
34) 2-Methylnaphthalene	12.08	142	146768	4.717	ng/ul	98
35) 1-Methylnaphthalene	12.30	142	146551	4.767	ng/uL	96
37) 1,2,4,5-Tetrachlorobenzene	12.45	216	73002	4.621	ng/ul#	93
39) 2,4,6-Trichlorophenol	12.70	196	42787	4.320	ng/ul	88
40) 2,4,5-Trichlorophenol	12.77	196	48649m	4.553	ng/ul	
41) 1,1'-Biphenyl	13.10	154	198358	4.911	ng/ul	99
42) 2-Chloronaphthalene	13.15	162	152991	4.756	ng/ul	96
43) 2-Nitroaniline	13.36	65	37678	4.087	ng/ul	86
45) Dimethylphthalate	13.74	163	200248	5.080	ng/ul	100
46) 2,6-Dinitrotoluene	13.86	165	34049	4.426	ng/ul	98

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48) Acenaphthylene	14.00	152	225257	4.695 ng/ul	97
50) Acenaphthene	14.34	153	167759	4.866 ng/ul	96
54) Dibenzofuran	14.68	168	233293	4.959 ng/ul	97
55) 2,4-Dinitrotoluene	14.65	165	48659	4.357 ng/ul#	93
56) 2,3,4,6-Tetrachlorophenol	14.90	232	41288	4.630 ng/ul	98
57) Diethylphthalate	15.11	149	201543	4.968 ng/ul	98
59) Fluorene	15.33	166	191913	4.867 ng/ul	96
60) 4-Chlorophenyl-phenylether	15.33	204	99182	5.153 ng/ul	92
65) N-Nitrosodiphenylamine	15.55	169	160226	4.639 ng/ul	96
66) 4-Bromophenyl-phenylether	16.22	248	58259	4.704 ng/ul	98
67) Hexachlorobenzene	16.33	284	69828	4.832 ng/ul	94
70) Phenanthrene	17.07	178	316471	4.797 ng/ul	97
72) Anthracene	17.16	178	315514	4.737 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.07	216	70671	4.490 ng/uL	96
74) Pentachlorobenzene	14.60	250	77016	4.770 ng/uL	95
76) Di-n-butylphthalate	18.00	149	352843	4.804 ng/ul	100
80) Pyrene	19.46	202	398091	4.458 ng/ul	97
81) Butylbenzylphthalate	20.37	149	163906	4.465 ng/ul	92
83) Benzo(a)anthracene	21.21	228	384468	4.610 ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.16	149	259587	4.608 ng/ul#	98
85) Chrysene	21.26	228	395347	4.822 ng/ul	95
88) Benzo(b)fluoranthene	22.77	252	417957	4.640 ng/ul	99
89) Benzo(k)fluoranthene	22.82	252	418214	4.714 ng/ul	99
91) Benzo(a)pyrene	23.33	252	375727	4.599 ng/ul	96
92) Indeno(1,2,3-cd)pyrene	25.62	276	483969	4.639 ng/ul	95
93) Dibenzo(a,h)anthracene	25.63	278	408670	4.755 ng/ul	97
94) Benzo(g,h,i)perylene	26.30	276	410911	4.625 ng/ul	97

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

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