Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
Data File : BN012653.D
Acq On : 20 Nov 2020 09:55
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02009

Manual Integrations APPROVED
mohammad
11/20/2020 11:31:32 AM

Quant Time: Nov 20 10:28:38 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 18 14:31:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	154829	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.20	136	675062	20.00	ng/ul	-0.02
36) Acenaphthene-d10	14.09	164	454664	20.00	ng/ul	-0.01
62) Phenanthrene-d10	16.85	188	996973	20.00	ng/ul	0.00
78) Chrysene-d12	21.07	240	1087598	20.00	ng/ul	0.00
86) Perylene-d12	23.19	264	1183472	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.97	96	32844	7.56	ng/uL	-0.01
5) Phenol-d5	6.62	99	259078	18.37	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	6.78	67	164124	19.78	ng/ul	-0.02
9) 2-Chlorophenol-d4	6.96	132	211498	19.20	ng/ul	-0.02
13) 4-Methylphenol-d8	8.15	113	212294	18.44	ng/ul	-0.02
19) Nitrobenzene-d5	8.58	128	103444	18.67	ng/ul	-0.02
22) 2-Nitrophenol-d4	9.30	143	113663	18.47	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	9.83	165	224807	19.23	ng/ul	-0.02
29) 4-Chloroaniline-d4	10.35	131	258251	22.35	ng/ul	-0.02
44) Dimethylphthalate-d6	13.52	166	705889	19.01	ng/ul	-0.01
47) Acenaphthylene-d8	13.78	160	849659	19.17	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.32	143	124643	17.93	ng/ul	-0.01
58) Fluorene-d10	15.10	176	616693	18.88	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.23	200	119301	17.54	ng/ul	0.00
71) Anthracene-d10	16.95	188	965773	19.07	ng/ul	-0.01
79) Pyrene-d10	19.26	212	1065762	18.73	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.05	264	1264327	19.55	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.00	88	31955	6.801	ng/uL	92
4) Benzaldehyde	6.59	77	159455	19.625	ng/ul	95
6) Phenol	6.65	94	269375	18.697	ng/ul	96
8) Bis(2-Chloroethyl)ether	6.87	93	211090	19.149	ng/ul	95
10) 2-Chlorophenol	7.00	128	215963	19.338	ng/ul	99
11) 2-Methylphenol	7.88	108	198549	18.443	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	7.96	45	306798	21.114	ng/ul	99
14) Acetophenone	8.25	105	348362	19.707	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.25	70	188275	21.028	ng/ul	94
16) 4-Methylphenol	8.20	108	222963	18.955	ng/ul	92
17) Hexachloroethane	8.49	117	103533	21.136	ng/ul	95
20) Nitrobenzene	8.62	77	278889	18.473	ng/ul	99
21) Isophorone	9.15	82	507179	19.879	ng/ul	97
23) 2-Nitrophenol	9.33	139	126689	19.106	ng/ul	93
24) 2,4-Dimethylphenol	9.40	107	270619	19.141	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.63	93	294706	18.665	ng/ul	99
27) 2,4-Dichlorophenol	9.86	162	212884	18.671	ng/ul	95
28) Naphthalene	10.25	128	726310	18.612	ng/ul	98
30) 4-Chloroaniline	10.37	127	252273	22.682	ng/ul	96
31) Hexachlorobutadiene	10.53	225	147075	19.667	ng/ul	94
32) Caprolactam	11.14	113	65526	18.088	ng/ul	94
33) 4-Chloro-3-methylphenol	11.50	107	249928	19.140	ng/ul	98
34) 2-Methylnaphthalene	11.87	142	521672	19.154	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.10	142	618994	19.071 ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	12.25	216	262347	18.687 ng/ul	94
38) Hexachlorocyclopentadiene	12.23	237	162056	18.400 ng/ul	99
39) 2,4,6-Trichlorophenol	12.50	196	176589	18.991 ng/ul	99
40) 2,4,5-Trichlorophenol	12.57	196	183710	18.756 ng/ul	97
41) 1,1'-Biphenyl	12.92	154	692384	18.373 ng/ul	96
42) 2-Chloronaphthalene	12.95	162	559793	19.015 ng/ul	96
43) 2-Nitroaniline	13.17	65	176502	20.144 ng/ul	97
45) Dimethylphthalate	13.56	163	724538	19.371 ng/ul	99
46) 2,6-Dinitrotoluene	13.69	165	143629	19.061 ng/ul	97
48) Acenaphthylene	13.81	152	844284	19.020 ng/ul	99
49) 3-Nitroaniline	14.01	138	113086	19.386 ng/ul	90
50) Acenaphthene	14.16	153	608028	18.756 ng/ul	95
51) 2,4-Dinitrophenol	14.23	184	74640	16.007 ng/ul	85
53) 4-Nitrophenol	14.33	109	125079	19.685 ng/ul	92
54) Dibenzofuran	14.50	168	846985	18.846 ng/ul	97
55) 2,4-Dinitrotoluene	14.48	165	213289	19.405 ng/ul#	82
56) 2,3,4,6-Tetrachlorophenol	14.73	232	167280	19.692 ng/ul	96
57) Diethylphthalate	14.95	149	760695	19.899 ng/ul	99
59) Fluorene	15.15	166	713462	18.999 ng/ul	97
60) 4-Chlorophenyl-phenylether	15.16	204	355771	19.518 ng/ul	96
61) 4-Nitroaniline	15.19	138	132661m	17.930 ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.25	198	130279	18.050 ng/ul	94
65) N-Nitrosodiphenylamine	15.37	169	588539	18.567 ng/ul	94
66) 4-Bromophenyl-phenylether	16.05	248	210603	18.806 ng/ul	90
67) Hexachlorobenzene	16.16	284	250451	18.763 ng/ul	97
68) Atrazine	16.34	200	220182	19.315 ng/ul	94
69) Pentachlorophenol	16.50	266	146911	18.660 ng/ul	92
70) Phenanthrene	16.89	178	1147167	18.716 ng/ul	98
72) Anthracene	16.98	178	1201647	19.338 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.87	216	265437	18.752 ng/uL	97
74) Pentachlorobenzene	14.42	250	272739	18.454 ng/uL	93
75) Carbazole	17.26	167	999428	18.845 ng/ul	98
76) Di-n-butylphthalate	17.84	149	1325369	20.203 ng/ul	99
77) Fluoranthene	18.92	202	1371815	19.460 ng/ul	95
80) Pyrene	19.29	202	1440118	18.598 ng/ul	99
81) Butylbenzylphthalate	20.22	149	613354	19.574 ng/ul	89
82) 3,3'-Dichlorobenzidine	20.99	252	424956	19.676 ng/ul	98
83) Benzo(a)anthracene	21.05	228	1371256	18.707 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.00	149	973132	20.606 ng/ul	97
85) Chrysene	21.10	228	1343716	18.805 ng/ul	98
87) Di-n-octyl phthalate	21.86	149	1662578	19.724 ng/ul	100
88) Benzo(b)fluoranthene	22.56	252	1495403	18.910 ng/ul	99
89) Benzo(k)fluoranthene	22.60	252	1435558	18.875 ng/ul	98
91) Benzo(a)pyrene	23.09	252	1349524	18.681 ng/ul	94
92) Indeno(1,2,3-cd)pyrene	25.27	276	1668251	18.530 ng/ul	97
93) Dibenzo(a,h)anthracene	25.28	278	1457222	18.901 ng/ul	96
94) Benzo(g,h,i)perylene	25.90	276	1442258	18.919 ng/ul	98

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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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