Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
Data File : BN012596.D
Acq On : 18 Nov 2020 16:30
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02004

Manual Integrations APPROVED
mohammad
11/20/2020 11:29:44 AM

Quant Time: Nov 18 17:04:55 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	7.45	152	158998	20.00	ng/ul	0.00
18) Naphthalene-d8	10.21	136	647797	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.10	164	436442	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.86	188	908685	20.00	ng/ul	0.00
78) Chrysene-d12	21.07	240	958145	20.00	ng/ul	0.00
86) Perylene-d12	23.20	264	1024778	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.98	96	29647	6.65	ng/uL	0.00
5) Phenol-d5	6.63	99	257203	17.76	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	167268	19.63	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	212019	18.74	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	213325	18.05	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	102127	19.21	ng/ul	0.00
22) 2-Nitrophenol-d4	9.31	143	116570	19.74	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.84	165	211967	18.89	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	254341	22.93	ng/ul	0.00
44) Dimethylphthalate-d6	13.53	166	672838	18.88	ng/ul	0.00
47) Acenaphthylene-d8	13.79	160	821526	19.31	ng/ul	0.00
52) 4-Nitrophenol-d4	14.33	143	112180	16.81	ng/ul	0.00
58) Fluorene-d10	15.10	176	580395	18.51	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.24	200	112454	18.14	ng/ul	0.00
71) Anthracene-d10	16.96	188	892822	19.34	ng/ul	0.00
79) Pyrene-d10	19.26	212	979085	19.54	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.06	264	1106775	19.76	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.01	88	32868	6.812	ng/uL	95
4) Benzaldehyde	6.60	77	162482	19.473	ng/ul	97
6) Phenol	6.66	94	263104	17.783	ng/ul	95
8) Bis(2-Chloroethyl)ether	6.89	93	211594	18.691	ng/ul	96
10) 2-Chlorophenol	7.01	128	211638	18.454	ng/ul	95
11) 2-Methylphenol	7.90	108	193143	17.471	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	7.98	45	310697	20.822	ng/ul	98
14) Acetophenone	8.27	105	330837	18.225	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.26	70	187172	20.357	ng/ul	93
16) 4-Methylphenol	8.22	108	217433	18.000	ng/ul	96
17) Hexachloroethane	8.50	117	101367	20.151	ng/ul	94
20) Nitrobenzene	8.64	77	276041	19.054	ng/ul	100
21) Isophorone	9.16	82	518213	21.166	ng/ul	98
23) 2-Nitrophenol	9.34	139	122187	19.202	ng/ul	92
24) 2,4-Dimethylphenol	9.41	107	259327	19.114	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.65	93	292228	19.287	ng/ul	95
27) 2,4-Dichlorophenol	9.87	162	207474	18.962	ng/ul	94
28) Naphthalene	10.26	128	710169	18.964	ng/ul	97
30) 4-Chloroaniline	10.39	127	239252	22.417	ng/ul	96
31) Hexachlorobutadiene	10.55	225	135683	18.907	ng/ul	91
32) Caprolactam	11.16	113	66507m	19.132	ng/ul	
33) 4-Chloro-3-methylphenol	11.52	107	242069	19.319	ng/ul	97
34) 2-Methylnaphthalene	11.89	142	507473	19.417	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.11	142	602356	19.339	ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	12.27	216	255350	18.948	ng/ul	94
38) Hexachlorocyclopentadiene	12.25	237	158690	18.770	ng/ul	98
39) 2,4,6-Trichlorophenol	12.52	196	168475	18.875	ng/ul	94
40) 2,4,5-Trichlorophenol	12.59	196	178569	18.992	ng/ul	94
41) 1,1'-Biphenyl	12.93	154	669007	18.494	ng/ul	97
42) 2-Chloronaphthalene	12.96	162	532869	18.856	ng/ul	97
43) 2-Nitroaniline	13.18	65	172515	20.511	ng/ul	88
45) Dimethylphthalate	13.57	163	703197	19.585	ng/ul	98
46) 2,6-Dinitrotoluene	13.69	165	137487	19.007	ng/ul#	87
48) Acenaphthylene	13.82	152	802965	18.845	ng/ul	99
49) 3-Nitroaniline	14.02	138	102472	18.300	ng/ul	93
50) Acenaphthene	14.17	153	580099	18.641	ng/ul	97
51) 2,4-Dinitrophenol	14.23	184	70474m	15.745	ng/ul	
53) 4-Nitrophenol	14.34	109	107676	17.653	ng/ul	91
54) Dibenzofuran	14.51	168	803307	18.621	ng/ul	97
55) 2,4-Dinitrotoluene	14.49	165	203472	19.285	ng/ul	87
56) 2,3,4,6-Tetrachlorophenol	14.74	232	155042	19.014	ng/ul	99
57) Diethylphthalate	14.95	149	699128	19.052	ng/ul	98
59) Fluorene	15.16	166	667403	18.515	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.16	204	324454	18.543	ng/ul	95
61) 4-Nitroaniline	15.19	138	115815m	16.307	ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.25	198	126110	19.170	ng/ul#	89
65) N-Nitrosodiphenylamine	15.38	169	564542	19.540	ng/ul	97
66) 4-Bromophenyl-phenylether	16.06	248	192849	18.894	ng/ul	91
67) Hexachlorobenzene	16.16	284	232553	19.115	ng/ul	98
68) Atrazine	16.35	200	206788	19.903	ng/ul	95
69) Pentachlorophenol	16.51	266	129448	18.039	ng/ul	91
70) Phenanthrene	16.90	178	1060766	18.987	ng/ul	98
72) Anthracene	16.99	178	1091593	19.273	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	12.89	216	252476	19.569	ng/uL	97
74) Pentachlorobenzene	14.43	250	254888	18.922	ng/uL	98
75) Carbazole	17.27	167	919172	19.016	ng/ul	97
76) Di-n-butylphthalate	17.85	149	1232357	20.610	ng/ul	99
77) Fluoranthene	18.93	202	1243600	19.355	ng/ul	96
80) Pyrene	19.29	202	1300292	19.061	ng/ul	99
81) Butylbenzylphthalate	20.22	149	573963	20.792	ng/ul	91
82) 3,3'-Dichlorobenzidine	21.00	252	397801	20.908	ng/ul	94
83) Benzo(a)anthracene	21.06	228	1208430	18.713	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.01	149	900815	21.652	ng/ul	99
85) Chrysene	21.11	228	1196013	18.999	ng/ul	98
87) Di-n-octyl phthalate	21.86	149	1521278	20.842	ng/ul	100
88) Benzo(b)fluoranthene	22.57	252	1253673	18.308	ng/ul	99
89) Benzo(k)fluoranthene	22.61	252	1310096	19.893	ng/ul	99
91) Benzo(a)pyrene	23.10	252	1151899	18.415	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.29	276	1478400	18.964	ng/ul	95
93) Dibenzo(a,h)anthracene	25.29	278	1270800	19.036	ng/ul	98
94) Benzo(g,h,i)perylene	25.92	276	1266298	19.183	ng/ul	98

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

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