Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062320\
Data File : BM026506.D
Acq On : 23 Jun 2020 19:02
Operator : JU/CG
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02014

Manual Integrations APPROVED
Sohil
6/25/2020 7:57:01 AM

Quant Time: Jun 24 07:36:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 24 00:41:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	95807	20.00	ng/ul	0.00
18) Naphthalene-d8	10.14	136	433961	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.04	164	288804	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.79	188	645473	20.00	ng/ul	0.00
78) Chrysene-d12	21.01	240	703856	20.00	ng/ul	0.00
86) Perylene-d12	23.10	264	647732	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.97	96	24028	8.80	ng/uL	0.00
5) Phenol-d5	6.59	99	191569	21.71	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.74	67	130779	23.42	ng/ul	0.00
9) 2-Chlorophenol-d4	6.92	132	143315	19.92	ng/ul	0.00
13) 4-Methylphenol-d8	8.10	113	156949	22.59	ng/ul	0.00
19) Nitrobenzene-d5	8.53	128	73957	19.18	ng/ul	0.00
22) 2-Nitrophenol-d4	9.24	143	81296	19.16	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.77	165	155620	19.93	ng/ul	0.00
29) 4-Chloroaniline-d4	10.29	131	201315	24.72	ng/ul	0.00
44) Dimethylphthalate-d6	13.47	166	495005	20.38	ng/ul	0.00
47) Acenaphthylene-d8	13.73	160	587694	20.18	ng/ul	0.00
52) 4-Nitrophenol-d4	14.28	143	78047	19.38	ng/ul	0.00
58) Fluorene-d10	15.04	176	423305	20.31	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	84906	20.10	ng/ul	0.00
71) Anthracene-d10	16.89	188	664669	20.23	ng/ul	0.00
79) Pyrene-d10	19.20	212	755163	19.56	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.97	264	729216	20.36	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.00	88	25397	8.385	ng/uL	98
4) Benzaldehyde	6.54	77	123943	24.444	ng/ul	98
6) Phenol	6.61	94	210668	21.797	ng/ul	97
8) Bis(2-Chloroethyl)ether	6.83	93	164262	22.709	ng/ul	96
10) 2-Chlorophenol	6.95	128	156599	20.298	ng/ul	97
11) 2-Methylphenol	7.84	108	156155	22.230	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	7.92	45	314508m	25.473	ng/ul	
14) Acetophenone	8.20	105	267894	23.495	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.20	70	159491	23.411	ng/ul	96
16) 4-Methylphenol	8.17	108	176068	23.143	ng/ul	100
17) Hexachloroethane	8.43	117	67757	20.679	ng/ul	95
20) Nitrobenzene	8.57	77	220149	20.987	ng/ul	98
21) Isophorone	9.10	82	405022	20.869	ng/ul	99
23) 2-Nitrophenol	9.27	139	92538	19.596	ng/ul	90
24) 2,4-Dimethylphenol	9.35	107	207740	20.923	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.58	93	231536	20.585	ng/ul	99
27) 2,4-Dichlorophenol	9.80	162	161600	20.525	ng/ul	94
28) Naphthalene	10.19	128	524624	19.880	ng/ul	99
30) 4-Chloroaniline	10.32	127	212228	25.155	ng/ul	98
31) Hexachlorobutadiene	10.48	225	104630	20.115	ng/ul	96
32) Caprolactam	11.09	113	53408m	21.571	ng/ul	
33) 4-Chloro-3-methylphenol	11.46	107	195802	21.390	ng/ul	98
34) 2-Methylnaphthalene	11.82	142	386458	20.838	ng/ul	99

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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.04	142	359054	20.825 ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.20	216	208259	19.736 ng/ul	99
38) Hexachlorocyclopentadiene	12.17	237	100182	19.000 ng/ul	95
39) 2,4,6-Trichlorophenol	12.45	196	133608	19.574 ng/ul	98
40) 2,4,5-Trichlorophenol	12.53	196	145151	19.708 ng/ul	95
41) 1,1'-Biphenyl	12.86	154	507731	19.811 ng/ul	100
42) 2-Chloronaphthalene	12.89	162	392040	19.879 ng/ul	99
43) 2-Nitroaniline	13.12	65	151455	21.312 ng/ul	96
45) Dimethylphthalate	13.52	163	514522	20.403 ng/ul	99
46) 2,6-Dinitrotoluene	13.63	165	107213	20.450 ng/ul	92
48) Acenaphthylene	13.75	152	615800	19.845 ng/ul	99
49) 3-Nitroaniline	13.96	138	100814	21.418 ng/ul	100
50) Acenaphthene	14.10	153	428777	20.026 ng/ul	98
51) 2,4-Dinitrophenol	14.18	184	52100	19.451 ng/ul	88
53) 4-Nitrophenol	14.30	109	77933	22.167 ng/ul	96
54) Dibenzofuran	14.44	168	612963	20.278 ng/ul	98
55) 2,4-Dinitrotoluene	14.43	165	159586	21.015 ng/ul#	84
56) 2,3,4,6-Tetrachlorophenol	14.68	232	131029	20.830 ng/ul	97
57) Diethylphthalate	14.90	149	534814	20.973 ng/ul	98
59) Fluorene	15.10	166	516619	20.706 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.10	204	263564	20.888 ng/ul	97
61) 4-Nitroaniline	15.13	138	106059m	19.848 ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.20	198	90636	20.882 ng/ul	95
65) N-Nitrosodiphenylamine	15.32	169	447056	20.160 ng/ul	99
66) 4-Bromophenyl-phenylether	16.00	248	161312	19.922 ng/ul	97
67) Hexachlorobenzene	16.11	284	183342	20.237 ng/ul	97
68) Atrazine	16.29	200	166903	22.085 ng/ul	98
69) Pentachlorophenol	16.46	266	96713	22.331 ng/ul	96
70) Phenanthrene	16.84	178	821115	20.283 ng/ul	100
72) Anthracene	16.93	178	842318	20.299 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.82	216	210205	19.238 ng/uL	99
74) Pentachlorobenzene	14.37	250	208084	19.813 ng/uL	98
75) Carbazole	17.21	167	738648	21.422 ng/ul	100
76) Di-n-butylphthalate	17.79	149	926686	20.534 ng/ul	99
77) Fluoranthene	18.87	202	965282	21.825 ng/ul	100
80) Pyrene	19.23	202	1024670	19.801 ng/ul	98
81) Butylbenzylphthalate	20.17	149	428986	19.472 ng/ul	98
82) 3,3'-Dichlorobenzidine	20.94	252	321390	19.765 ng/ul	99
83) Benzo(a)anthracene	20.99	228	1002951	20.003 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	20.96	149	655728	19.703 ng/ul	98
85) Chrysene	21.04	228	979746	20.128 ng/ul	99
87) Di-n-octyl phthalate	21.80	149	1101723	23.695 ng/ul	100
88) Benzo(b)fluoranthene	22.49	252	931724	20.975 ng/ul	99
89) Benzo(k)fluoranthene	22.53	252	965597	22.599 ng/ul	99
91) Benzo(a)pyrene	23.01	252	808092	20.651 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.13	276	874255	17.045 ng/ul	99
93) Dibenzo(a,h)anthracene	25.14	278	741162	17.317 ng/ul	98
94) Benzo(g,h,i)perylene	25.74	276	697462	16.278 ng/ul	99

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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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