Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082720\
Data File : BM027268.D
Acq On : 27 Aug 2020 09:54
Operator : JU/CG
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02004

Manual Integrations APPROVED
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8/28/2020 1:33:02 PM

Quant Time: Aug 27 10:53:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 27 10:50:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	166120	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	676843	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.23	164	476363	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.98	188	1105423	20.00	ng/ul	0.00
78) Chrysene-d12	21.18	240	1168866	20.00	ng/ul	0.00
86) Perylene-d12	23.36	264	937146	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	23643	8.06	ng/uL	0.00
5) Phenol-d5	6.78	99	268855	19.96	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	179561	20.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	212525	20.48	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	219424	20.29	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	103943	19.16	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	122483	19.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	251168	19.69	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	281237	20.46	ng/ul	0.00
44) Dimethylphthalate-d6	13.65	166	733345	19.40	ng/ul	0.00
47) Acenaphthylene-d8	13.92	160	897904	20.09	ng/ul	0.00
52) 4-Nitrophenol-d4	14.45	143	123929	19.44	ng/ul	0.00
58) Fluorene-d10	15.23	176	664411	20.37	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.36	200	116700	16.18	ng/ul	0.00
71) Anthracene-d10	17.07	188	1055830	20.12	ng/ul	0.00
79) Pyrene-d10	19.38	212	1210179	17.95	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.23	264	1070804	20.50	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	29765	8.619	ng/uL	98
4) Benzaldehyde	6.74	77	209503	22.080	ng/ul	95
6) Phenol	6.80	94	282212	20.038	ng/ul	91
8) Bis(2-Chloroethyl)ether	7.03	93	231587	20.452	ng/ul	98
10) 2-Chlorophenol	7.16	128	219220	20.689	ng/ul	96
11) 2-Methylphenol	8.04	108	210304	20.081	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.13	45	175813	20.054	ng/ul	95
14) Acetophenone	8.40	105	356303	20.565	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.40	70	209710	20.103	ng/ul	99
16) 4-Methylphenol	8.36	108	229585	20.444	ng/ul	98
17) Hexachloroethane	8.66	117	105052	21.033	ng/ul	97
20) Nitrobenzene	8.78	77	331951	20.465	ng/ul	98
21) Isophorone	9.31	82	548590	18.766	ng/ul	100
23) 2-Nitrophenol	9.49	139	128882	19.385	ng/ul	90
24) 2,4-Dimethylphenol	9.56	107	272561	19.484	ng/ul	100
25) Bis(2-Chloroethoxy)methane	9.79	93	319722	19.087	ng/ul	99
27) 2,4-Dichlorophenol	10.02	162	243512	19.656	ng/ul	97
28) Naphthalene	10.41	128	721938	20.028	ng/ul	100
30) 4-Chloroaniline	10.52	127	283849	20.610	ng/ul	100
31) Hexachlorobutadiene	10.71	225	186656	20.049	ng/ul	98
32) Caprolactam	11.29	113	66486m	17.903	ng/ul	
33) 4-Chloro-3-methylphenol	11.66	107	258051	19.921	ng/ul	99
34) 2-Methylnaphthalene	12.03	142	546857	19.972	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.26	142	534781	20.010 ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.41	216	342127	20.087 ng/ul	98
38) Hexachlorocyclopentadiene	12.40	237	178523	15.496 ng/ul	99
39) 2,4,6-Trichlorophenol	12.66	196	213280	19.669 ng/ul	97
40) 2,4,5-Trichlorophenol	12.73	196	226850	19.686 ng/ul	99
41) 1,1'-Biphenyl	13.06	154	746610	19.971 ng/ul	98
42) 2-Chloronaphthalene	13.10	162	609305	20.261 ng/ul	99
43) 2-Nitroaniline	13.30	65	183640	20.261 ng/ul	97
45) Dimethylphthalate	13.70	163	770062	19.631 ng/ul	99
46) 2,6-Dinitrotoluene	13.81	165	158579	19.617 ng/ul	96
48) Acenaphthylene	13.95	152	894125	20.014 ng/ul	99
49) 3-Nitroaniline	14.13	138	143569	20.831 ng/ul	96
50) Acenaphthene	14.30	153	625517	19.985 ng/ul	99
51) 2,4-Dinitrophenol	14.35	184	67157	14.467 ng/ul	96
53) 4-Nitrophenol	14.46	109	126250	20.890 ng/ul	95
54) Dibenzofuran	14.63	168	911125	20.278 ng/ul	96
55) 2,4-Dinitrotoluene	14.60	165	236960	20.587 ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	14.87	232	208383	20.194 ng/ul	98
57) Diethylphthalate	15.07	149	789485	20.189 ng/ul	98
59) Fluorene	15.29	166	774925	20.338 ng/ul	98
60) 4-Chlorophenyl-phenylether	15.29	204	420337	20.189 ng/ul	97
61) 4-Nitroaniline	15.30	138	163858	21.491 ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.37	198	128697	16.442 ng/ul	96
65) N-Nitrosodiphenylamine	15.50	169	658002	19.767 ng/ul	99
66) 4-Bromophenyl-phenylether	16.18	248	268364	19.365 ng/ul	97
67) Hexachlorobenzene	16.29	284	312913	19.779 ng/ul	98
68) Atrazine	16.46	200	263756	19.307 ng/ul	98
69) Pentachlorophenol	16.64	266	163439	17.592 ng/ul	98
70) Phenanthrene	17.02	178	1280169	20.290 ng/ul	100
72) Anthracene	17.11	178	1299816	20.224 ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.02	216	329753	19.210 ng/uL	99
74) Pentachlorobenzene	14.56	250	341701	19.274 ng/uL	99
75) Carbazole	17.38	167	1102213	20.804 ng/ul	98
76) Di-n-butylphthalate	17.96	149	1383119	20.401 ng/ul	99
77) Fluoranthene	19.05	202	1570883	20.782 ng/ul	99
80) Pyrene	19.41	202	1621694	17.986 ng/ul	99
81) Butylbenzylphthalate	20.33	149	641080	18.810 ng/ul	98
82) 3,3'-Dichlorobenzidine	21.10	252	527589	19.375 ng/ul	100
83) Benzo(a)anthracene	21.17	228	1562229	20.156 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.12	149	954726	19.805 ng/ul	99
85) Chrysene	21.22	228	1484711	20.008 ng/ul	100
87) Di-n-octyl phthalate	21.99	149	1601642	21.937 ng/ul	100
88) Benzo(b)fluoranthene	22.72	252	1380850	20.669 ng/ul	99
89) Benzo(k)fluoranthene	22.76	252	1384802	21.511 ng/ul	100
91) Benzo(a)pyrene	23.27	252	1205090	20.553 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.54	276	1322267	19.577 ng/ul	99
93) Dibenzo(a,h)anthracene	25.55	278	1126271	19.653 ng/ul	99
94) Benzo(g,h,i)perylene	26.20	276	1084308	19.633 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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