Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032320\
Data File : BM025734.D
Acq On : 24 Mar 2020 18:19
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02059

Manual Integrations APPROVED
mohammad
3/27/2020 8:14:38 AM

Quant Time: Mar 24 18:59:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 24 00:45:06 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	157058	20.00	ng/ul	0.00
18) Naphthalene-d8	10.34	136	649289	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.21	164	418878	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.96	188	900537	20.00	ng/ul	0.00
78) Chrysene-d12	21.15	240	967932	20.00	ng/ul	0.00
86) Perylene-d12	23.30	264	1135122	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.14	96	29489	7.88	ng/uL	0.00
5) Phenol-d5	6.76	99	232655	18.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	135308	19.12	ng/ul	0.00
9) 2-Chlorophenol-d4	7.11	132	195116	19.39	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	186306	18.29	ng/ul	0.00
19) Nitrobenzene-d5	8.71	128	93179	19.31	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	96416	18.79	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	200370	19.10	ng/ul	0.00
29) 4-Chloroaniline-d4	10.47	131	247500	20.32	ng/ul	0.00
44) Dimethylphthalate-d6	13.63	166	578465	18.17	ng/ul	0.00
47) Acenaphthylene-d8	13.90	160	677095	17.75	ng/ul	0.00
52) 4-Nitrophenol-d4	14.42	143	106681	17.60	ng/ul	0.00
58) Fluorene-d10	15.21	176	499481	17.87	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.33	200	86402	15.73	ng/ul	0.00
71) Anthracene-d10	17.05	188	771276	18.34	ng/ul	0.00
79) Pyrene-d10	19.35	212	859027	18.48	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.16	264	1075336	18.50	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.17	88	29498	7.318	ng/uL	89
4) Benzaldehyde	6.72	77	148323	22.593	ng/ul	97
6) Phenol	6.78	94	250627	19.362	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.01	93	191831	18.714	ng/ul	99
10) 2-Chlorophenol	7.14	128	209811	19.812	ng/ul	97
11) 2-Methylphenol	8.02	108	185660	18.745	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.11	45	260533	19.049	ng/ul	98
14) Acetophenone	8.39	105	301805	19.211	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.37	70	150341	19.102	ng/ul	99
16) 4-Methylphenol	8.34	108	202219	18.703	ng/ul	99
17) Hexachloroethane	8.64	117	84175	19.119	ng/ul	97
20) Nitrobenzene	8.76	77	223254	18.989	ng/ul	99
21) Isophorone	9.28	82	397930	18.328	ng/ul	99
23) 2-Nitrophenol	9.46	139	111550	19.360	ng/ul	98
24) 2,4-Dimethylphenol	9.53	107	220028	18.831	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.77	93	259969	18.682	ng/ul	99
27) 2,4-Dichlorophenol	9.99	162	202994	19.502	ng/ul	100
28) Naphthalene	10.39	128	665150	18.810	ng/ul	99
30) 4-Chloroaniline	10.50	127	260765	21.096	ng/ul	99
31) Hexachlorobutadiene	10.69	225	125709	18.485	ng/ul	97
32) Caprolactam	11.30	113	56538m	16.425	ng/ul	
33) 4-Chloro-3-methylphenol	11.63	107	203614	18.817	ng/ul	99
34) 2-Methylnaphthalene	12.00	142	488464	19.340	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.23	142	463085	18.386	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.39	216	251332	18.971	ng/ul	98
38) Hexachlorocyclopentadiene	12.37	237	173491	19.189	ng/ul	97
39) 2,4,6-Trichlorophenol	12.63	196	156446	18.575	ng/ul	99
40) 2,4,5-Trichlorophenol	12.70	196	174208	19.002	ng/ul	97
41) 1,1'-Biphenyl	13.04	154	628814	18.788	ng/ul	99
42) 2-Chloronaphthalene	13.07	162	484004	18.361	ng/ul	99
43) 2-Nitroaniline	13.28	65	127280	19.319	ng/ul	99
45) Dimethylphthalate	13.67	163	591496	17.849	ng/ul	99
46) 2,6-Dinitrotoluene	13.79	165	118071	18.115	ng/ul	98
48) Acenaphthylene	13.93	152	742796	17.982	ng/ul	99
49) 3-Nitroaniline	14.11	138	113885	19.368	ng/ul	96
50) Acenaphthene	14.27	153	508157	18.096	ng/ul	98
51) 2,4-Dinitrophenol	14.32	184	81802	20.920	ng/ul	96
53) 4-Nitrophenol	14.43	109	130047	27.448	ng/ul	98
54) Dibenzofuran	14.61	168	740812	18.597	ng/ul	98
55) 2,4-Dinitrotoluene	14.58	165	176673	18.540	ng/ul	96
56) 2,3,4,6-Tetrachlorophenol	14.84	232	152024	18.295	ng/ul	99
57) Diethylphthalate	15.05	149	588245	17.319	ng/ul	100
59) Fluorene	15.26	166	598449	17.860	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.26	204	300367	17.514	ng/ul	98
61) 4-Nitroaniline	15.28	138	131777	18.834	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.34	198	98551	16.402	ng/ul	94
65) N-Nitrosodiphenylamine	15.48	169	525089	18.869	ng/ul	99
66) 4-Bromophenyl-phenylether	16.16	248	205159	18.473	ng/ul	99
67) Hexachlorobenzene	16.27	284	241673	17.723	ng/ul	97
68) Atrazine	16.44	200	177480	16.910	ng/ul	98
69) Pentachlorophenol	16.62	266	187847	23.587	ng/ul	99
70) Phenanthrene	17.00	178	974333	18.381	ng/ul	99
72) Anthracene	17.09	178	984511	18.224	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.00	216	245900	17.820	ng/uL	98
74) Pentachlorobenzene	14.54	250	266599	17.356	ng/uL	99
75) Carbazole	17.36	167	882665	18.696	ng/ul	99
76) Di-n-butylphthalate	17.94	149	971917	17.632	ng/ul	100
77) Fluoranthene	19.02	202	1132531	18.126	ng/ul	99
80) Pyrene	19.38	202	1176301	18.095	ng/ul	99
81) Butylbenzylphthalate	20.30	149	451767	18.247	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.07	252	394961	17.958	ng/ul	98
83) Benzo(a)anthracene	21.13	228	1219361	19.108	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.09	149	673135	17.527	ng/ul	100
85) Chrysene	21.19	228	1131538	18.073	ng/ul	100
87) Di-n-octyl phthalate	21.95	149	1124375	16.531	ng/ul	100
88) Benzo(b)fluoranthene	22.66	252	1336799	18.875	ng/ul	100
89) Benzo(k)fluoranthene	22.70	252	1246974	17.873	ng/ul	99
91) Benzo(a)pyrene	23.21	252	1246355	19.337	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.43	276	1542302	18.119	ng/ul	99
93) Dibenzo(a,h)anthracene	25.44	278	1306855	18.131	ng/ul	99
94) Benzo(g,h,i)perylene	26.07	276	1269937	18.102	ng/ul	100

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

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