Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032320\
Data File : BM025694.D
Acq On : 23 Mar 2020 11:41
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02055

Manual Integrations APPROVED
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Quant Time: Mar 23 13:36:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 20 11:44:27 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	157255	20.00	ng/ul	0.00
18) Naphthalene-d8	10.34	136	675887	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.22	164	435190	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.96	188	940477	20.00	ng/ul	0.00
78) Chrysene-d12	21.15	240	980648	20.00	ng/ul	0.00
86) Perylene-d12	23.30	264	1156350	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.14	96	28710	7.66	ng/uL	0.00
5) Phenol-d5	6.76	99	244170	19.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	136385	19.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.11	132	200081	19.86	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	195660	19.19	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	96715	19.25	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	102140	19.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	210374	19.26	ng/ul	0.00
29) 4-Chloroaniline-d4	10.48	131	258735	20.40	ng/ul	0.00
44) Dimethylphthalate-d6	13.63	166	597001	18.05	ng/ul	0.00
47) Acenaphthylene-d8	13.90	160	702387	17.73	ng/ul	0.00
52) 4-Nitrophenol-d4	14.42	143	110715	17.58	ng/ul	0.00
58) Fluorene-d10	15.21	176	519592	17.90	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.33	200	88066	15.35	ng/ul	0.00
71) Anthracene-d10	17.06	188	809801	18.43	ng/ul	0.00
79) Pyrene-d10	19.36	212	887285	18.84	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.17	264	1096446	18.52	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.18	88	29796	7.382	ng/uL	94
4) Benzaldehyde	6.72	77	153871	23.408	ng/ul	98
6) Phenol	6.79	94	256879	19.820	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.01	93	197173	19.211	ng/ul	99
10) 2-Chlorophenol	7.15	128	217306	20.494	ng/ul	99
11) 2-Methylphenol	8.02	108	192925	19.454	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.11	45	266808m	19.483	ng/ul	
14) Acetophenone	8.39	105	310351	19.730	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.38	70	154804	19.645	ng/ul	99
16) 4-Methylphenol	8.35	108	213315	19.704	ng/ul	97
17) Hexachloroethane	8.64	117	84856	19.250	ng/ul	94
20) Nitrobenzene	8.76	77	231813	18.941	ng/ul	99
21) Isophorone	9.29	82	417693	18.481	ng/ul	99
23) 2-Nitrophenol	9.46	139	115940	19.330	ng/ul	99
24) 2,4-Dimethylphenol	9.54	107	228673	18.801	ng/ul	100
25) Bis(2-Chloroethoxy)methane	9.77	93	263452	18.187	ng/ul	99
27) 2,4-Dichlorophenol	9.99	162	212758	19.635	ng/ul	98
28) Naphthalene	10.39	128	687240	18.670	ng/ul	99
30) 4-Chloroaniline	10.50	127	272857	21.205	ng/ul	99
31) Hexachlorobutadiene	10.69	225	126035	17.804	ng/ul	97
32) Caprolactam	11.26	113	58831m	16.419	ng/ul	
33) 4-Chloro-3-methylphenol	11.63	107	216305	19.203	ng/ul	99
34) 2-Methylnaphthalene	12.01	142	500971	19.054	ng/ul	98

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35) 1-Methylnaphthalene	12.23	142	477456	18.211	ng/ul	96
37) 1,2,4,5-Tetrachlorobenzene	12.39	216	259450	18.850	ng/ul	98
38) Hexachlorocyclopentadiene	12.37	237	154369	16.434	ng/ul	98
39) 2,4,6-Trichlorophenol	12.63	196	163976	18.739	ng/ul	98
40) 2,4,5-Trichlorophenol	12.70	196	182124	19.120	ng/ul	98
41) 1,1'-Biphenyl	13.04	154	656391	18.877	ng/ul	100
42) 2-Chloronaphthalene	13.07	162	501964	18.328	ng/ul	100
43) 2-Nitroaniline	13.28	65	133107	19.446	ng/ul	95
45) Dimethylphthalate	13.68	163	606072	17.604	ng/ul	100
46) 2,6-Dinitrotoluene	13.79	165	125743	18.569	ng/ul	97
48) Acenaphthylene	13.93	152	777546	18.117	ng/ul	99
49) 3-Nitroaniline	14.12	138	120558	19.734	ng/ul	100
50) Acenaphthene	14.28	153	533852	18.299	ng/ul	100
51) 2,4-Dinitrophenol	14.33	184	82892	20.404	ng/ul	97
53) 4-Nitrophenol	14.43	109	129615	26.332	ng/ul	96
54) Dibenzofuran	14.62	168	775117	18.728	ng/ul	98
55) 2,4-Dinitrotoluene	14.58	165	183016	18.486	ng/ul	94
56) 2,3,4,6-Tetrachlorophenol	14.84	232	158562	18.367	ng/ul	95
57) Diethylphthalate	15.06	149	605751	17.166	ng/ul	100
59) Fluorene	15.27	166	628473	18.053	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.27	204	308797	17.331	ng/ul	99
61) 4-Nitroaniline	15.28	138	135801	18.681	ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.35	198	99889	15.919	ng/ul	98
65) N-Nitrosodiphenylamine	15.48	169	546503	18.805	ng/ul	99
66) 4-Bromophenyl-phenylether	16.16	248	210652	18.162	ng/ul	96
67) Hexachlorobenzene	16.27	284	247266	17.363	ng/ul	97
68) Atrazine	16.44	200	184560	16.838	ng/ul	100
69) Pentachlorophenol	16.62	266	198329	23.846	ng/ul	97
70) Phenanthrene	17.00	178	1015599	18.346	ng/ul	99
72) Anthracene	17.09	178	1035116	18.348	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.00	216	252440	17.517	ng/uL	99
74) Pentachlorobenzene	14.54	250	276015	17.206	ng/uL	99
75) Carbazole	17.36	167	927747	18.817	ng/ul	99
76) Di-n-butylphthalate	17.94	149	989860	17.195	ng/ul	99
77) Fluoranthene	19.02	202	1167024	17.885	ng/ul	99
80) Pyrene	19.39	202	1209248	18.360	ng/ul	99
81) Butylbenzylphthalate	20.31	149	459825	18.331	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.07	252	384786	17.269	ng/ul	98
83) Benzo(a)anthracene	21.14	228	1225620	18.957	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.10	149	637828	16.393	ng/ul	99
85) Chrysene	21.19	228	1151482	18.153	ng/ul	99
87) Di-n-octyl phthalate	21.96	149	1109554	16.013	ng/ul	100
88) Benzo(b)fluoranthene	22.67	252	1338343	18.549	ng/ul	100
89) Benzo(k)fluoranthene	22.71	252	1287436	18.114	ng/ul	99
91) Benzo(a)pyrene	23.21	252	1263845	19.249	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.43	276	1550305	17.879	ng/ul	99
93) Dibenzo(a,h)anthracene	25.44	278	1301876	17.730	ng/ul	100
94) Benzo(g,h,i)perylene	26.08	276	1267609	17.738	ng/ul	98

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

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