Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032020\
Data File : BM025679.D
Acq On : 21 Mar 2020 02:09
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02053

Manual Integrations APPROVED
mohammad
3/23/2020 9:42:21 AM

Quant Time: Mar 21 03:19:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 20 23:10:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	287624	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1163941	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.22	164	733355	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.96	188	1567941	20.00	ng/ul	0.00
78) Chrysene-d12	21.15	240	1578062	20.00	ng/ul	0.00
86) Perylene-d12	23.30	264	1859323	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	52890	7.71	ng/uL	0.00
5) Phenol-d5	6.76	99	474537	20.90	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	266476	20.57	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	401803	21.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	387541	20.78	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	194783	22.52	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	211852	23.03	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	411271	21.87	ng/ul	0.00
29) 4-Chloroaniline-d4	10.48	131	484641	22.19	ng/ul	0.00
44) Dimethylphthalate-d6	13.63	166	1153281	20.69	ng/ul	0.00
47) Acenaphthylene-d8	13.90	160	1433712	21.47	ng/ul	0.00
52) 4-Nitrophenol-d4	14.43	143	223754	21.09	ng/ul	0.00
58) Fluorene-d10	15.22	176	1007565	20.59	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.34	200	187346	19.58	ng/ul	0.00
71) Anthracene-d10	17.06	188	1556785	21.26	ng/ul	0.00
79) Pyrene-d10	19.36	212	1658899	21.89	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.17	264	2018277	21.20	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.18	88	55904	7.573	ng/uL	93
4) Benzaldehyde	6.73	77	181698	15.113	ng/ul	98
6) Phenol	6.79	94	492252	20.766	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.02	93	381376	20.316	ng/ul	98
10) 2-Chlorophenol	7.15	128	415325	21.416	ng/ul	97
11) 2-Methylphenol	8.02	108	378907	20.890	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.11	45	509369	20.336	ng/ul	96
14) Acetophenone	8.39	105	582978	20.263	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.39	70	294598	20.440	ng/ul	98
16) 4-Methylphenol	8.35	108	405779	20.493	ng/ul	97
17) Hexachloroethane	8.65	117	170621	21.162	ng/ul	96
20) Nitrobenzene	8.76	77	447689	21.242	ng/ul	99
21) Isophorone	9.29	82	839655	21.573	ng/ul	99
23) 2-Nitrophenol	9.47	139	231647	22.427	ng/ul	97
24) 2,4-Dimethylphenol	9.54	107	446836	21.333	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.77	93	516246	20.695	ng/ul	98
27) 2,4-Dichlorophenol	10.00	162	408173	21.874	ng/ul	98
28) Naphthalene	10.39	128	1323360	20.877	ng/ul	100
30) 4-Chloroaniline	10.50	127	489426	22.087	ng/ul	99
31) Hexachlorobutadiene	10.69	225	246374	20.210	ng/ul	98
32) Caprolactam	11.27	113	133543m	21.642	ng/ul	
33) 4-Chloro-3-methylphenol	11.64	107	423340	21.824	ng/ul	98
34) 2-Methylnaphthalene	12.02	142	938910	20.737	ng/ul	98

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35) 1-Methylnaphthalene	12.23	142	925734	20.503	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.39	216	485038	20.912	ng/ul	99
38) Hexachlorocyclopentadiene	12.38	237	317507	20.058	ng/ul	97
39) 2,4,6-Trichlorophenol	12.63	196	326976	22.174	ng/ul	97
40) 2,4,5-Trichlorophenol	12.70	196	348073	21.685	ng/ul	99
41) 1,1'-Biphenyl	13.05	154	1221196	20.841	ng/ul	99
42) 2-Chloronaphthalene	13.08	162	975988	21.147	ng/ul	99
43) 2-Nitroaniline	13.29	65	265665	23.032	ng/ul	98
45) Dimethylphthalate	13.68	163	1187088	20.461	ng/ul	99
46) 2,6-Dinitrotoluene	13.79	165	259420	22.734	ng/ul	95
48) Acenaphthylene	13.93	152	1530821	21.167	ng/ul	99
49) 3-Nitroaniline	14.12	138	229611	22.304	ng/ul	97
50) Acenaphthene	14.28	153	1038053	21.114	ng/ul	98
51) 2,4-Dinitrophenol	14.33	184	139911	20.437	ng/ul	97
53) 4-Nitrophenol	14.44	109	168456	20.308	ng/ul	94
54) Dibenzofuran	14.62	168	1444552	20.712	ng/ul	98
55) 2,4-Dinitrotoluene	14.59	165	371248	22.253	ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	14.85	232	307323	21.125	ng/ul	97
57) Diethylphthalate	15.06	149	1196356	20.118	ng/ul	100
59) Fluorene	15.27	166	1223851	20.862	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.27	204	600476	19.999	ng/ul	99
61) 4-Nitroaniline	15.29	138	263356	21.499	ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.36	198	201884	19.298	ng/ul#	96
65) N-Nitrosodiphenylamine	15.49	169	1039032	21.445	ng/ul	99
66) 4-Bromophenyl-phenylether	16.16	248	396566	20.509	ng/ul	99
67) Hexachlorobenzene	16.28	284	486971	20.511	ng/ul	99
68) Atrazine	16.44	200	373522	20.440	ng/ul	100
69) Pentachlorophenol	16.62	266	348372	25.124	ng/ul	99
70) Phenanthrene	17.00	178	1923107	20.837	ng/ul	99
72) Anthracene	17.09	178	1992879	21.188	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.00	216	510841	21.262	ng/uL	98
74) Pentachlorobenzene	14.55	250	558878	20.897	ng/uL	99
75) Carbazole	17.36	167	1718164	20.902	ng/ul	99
76) Di-n-butylphthalate	17.95	149	2060537	21.470	ng/ul	99
77) Fluoranthene	19.03	202	2226279	20.465	ng/ul	99
80) Pyrene	19.39	202	2288040	21.588	ng/ul	98
81) Butylbenzylphthalate	20.31	149	932167	23.093	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.07	252	640448	17.861	ng/ul	99
83) Benzo(a)anthracene	21.14	228	2221384	21.351	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.10	149	1343397	21.456	ng/ul	100
85) Chrysene	21.19	228	2134574	20.911	ng/ul	100
87) Di-n-octyl phthalate	21.96	149	2306817	20.705	ng/ul	100
88) Benzo(b)fluoranthene	22.67	252	2376686	20.487	ng/ul	100
89) Benzo(k)fluoranthene	22.71	252	2411953	21.105	ng/ul	99
91) Benzo(a)pyrene	23.22	252	2219574	21.024	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.44	276	2891320	20.737	ng/ul	100
93) Dibenzo(a,h)anthracene	25.45	278	2440477	20.671	ng/ul	99
94) Benzo(g,h,i)perylene	26.09	276	2392259	20.819	ng/ul	97

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

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