Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120419\
Data File : BM023994.D
Acq On : 04 Dec 2019 10:18
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020180

Manual Integrations APPROVED
mohammad
12/5/2019 10:48:55 AM

Quant Time: Dec 04 14:02:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 04 13:35:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	340439	20.00	ng/ul	0.00
18) Naphthalene-d8	10.25	136	1381147	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.14	164	819714	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.90	188	1657278	20.00	ng/ul	0.00
78) Chrysene-d12	21.11	240	1788270	20.00	ng/ul	0.00
86) Perylene-d12	23.25	264	2255574	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.03	96	69465	9.08	ng/uL	0.00
5) Phenol-d5	6.67	99	576273	19.31	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.83	67	343872	19.82	ng/ul	0.00
9) 2-Chlorophenol-d4	7.02	132	447162	19.39	ng/ul	0.00
13) 4-Methylphenol-d8	8.20	113	440658	18.72	ng/ul	0.00
19) Nitrobenzene-d5	8.63	128	210716	19.66	ng/ul	0.00
22) 2-Nitrophenol-d4	9.35	143	231726	19.02	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.89	165	441579	19.14	ng/ul	0.00
29) 4-Chloroaniline-d4	10.40	131	520627	20.56	ng/ul	0.00
44) Dimethylphthalate-d6	13.56	166	1160203	18.22	ng/ul	0.00
47) Acenaphthylene-d8	13.83	160	1444482	19.35	ng/ul	0.00
52) 4-Nitrophenol-d4	14.37	143	203639	19.02	ng/ul	0.00
58) Fluorene-d10	15.14	176	1017898	18.99	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.29	200	177070	17.02	ng/ul	0.00
71) Anthracene-d10	16.99	188	1517068	19.17	ng/ul	0.00
79) Pyrene-d10	19.30	212	1662775	17.99	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.12	264	2275981	19.09	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.06	88	69555	8.476	ng/uL	100
4) Benzaldehyde	6.64	77	216234	13.761	ng/ul	100
6) Phenol	6.70	94	623129	20.302	ng/ul	100
8) Bis(2-Chloroethyl)ether	6.92	93	477436	20.005	ng/ul	100
10) 2-Chlorophenol	7.05	128	484546	20.534	ng/ul	100
11) 2-Methylphenol	7.93	108	448197	19.575	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.02	45	518730	20.018	ng/ul	100
14) Acetophenone	8.30	105	708112	19.675	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.29	70	377918	19.639	ng/ul	100
16) 4-Methylphenol	8.26	108	494758	19.856	ng/ul	100
17) Hexachloroethane	8.54	117	194336	19.965	ng/ul	100
20) Nitrobenzene	8.68	77	554848	21.306	ng/ul	100
21) Isophorone	9.20	82	979896	19.821	ng/ul	100
23) 2-Nitrophenol	9.38	139	261544	20.290	ng/ul	100
24) 2,4-Dimethylphenol	9.45	107	531185	20.422	ng/ul	100
25) Bis(2-Chloroethoxy)methane	9.69	93	618846	19.952	ng/ul	100
27) 2,4-Dichlorophenol	9.91	162	451134	20.347	ng/ul	100
28) Naphthalene	10.30	128	1509520	20.731	ng/ul	100
30) 4-Chloroaniline	10.42	127	562069	21.572	ng/ul	100
31) Hexachlorobutadiene	10.59	225	272963	19.497	ng/ul	100
32) Caprolactam	11.22	113	121699m	18.177	ng/ul	
33) 4-Chloro-3-methylphenol	11.56	107	471396	20.088	ng/ul	100
34) 2-Methylnaphthalene	11.93	142	1063706	20.119	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.15	142	1013711	19.529	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.31	216	519174	20.306	ng/ul	100
38) Hexachlorocyclopentadiene	12.29	237	207389	17.407	ng/ul	100
39) 2,4,6-Trichlorophenol	12.56	196	331992	19.932	ng/ul	100
40) 2,4,5-Trichlorophenol	12.63	196	352288	19.896	ng/ul	100
41) 1,1'-Biphenyl	12.96	154	1358308	20.509	ng/ul	100
42) 2-Chloronaphthalene	13.00	162	1040882	20.539	ng/ul	100
43) 2-Nitroaniline	13.22	65	283945	21.556	ng/ul	100
45) Dimethylphthalate	13.61	163	1216401	19.510	ng/ul	100
46) 2,6-Dinitrotoluene	13.73	165	243307	19.946	ng/ul	100
48) Acenaphthylene	13.86	152	1581324	20.949	ng/ul	100
49) 3-Nitroaniline	14.06	138	227388	19.933	ng/ul	100
50) Acenaphthene	14.20	153	1092507	20.373	ng/ul	100
51) 2,4-Dinitrophenol	14.28	184	145171	22.325	ng/ul	100
53) 4-Nitrophenol	14.39	109	162937	20.650	ng/ul	100
54) Dibenzofuran	14.55	168	1539133	20.286	ng/ul	100
55) 2,4-Dinitrotoluene	14.53	165	357393	20.143	ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	14.78	232	303721	19.472	ng/ul	100
57) Diethylphthalate	14.99	149	1177755	18.878	ng/ul	100
59) Fluorene	15.20	166	1239081	20.250	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.20	204	593632	19.257	ng/ul	100
61) 4-Nitroaniline	15.23	138	248454	19.307	ng/ul	100
64) 4,6-Dinitro-2-methylphenol	15.30	198	197635	17.689	ng/ul	100
65) N-Nitrosodiphenylamine	15.42	169	1056110	20.123	ng/ul	100
66) 4-Bromophenyl-phenylether	16.09	248	382381	18.925	ng/ul	100
67) Hexachlorobenzene	16.21	284	450604	19.242	ng/ul	100
68) Atrazine	16.38	200	342362	18.608	ng/ul	100
69) Pentachlorophenol	16.56	266	237580	17.903	ng/ul	100
70) Phenanthrene	16.94	178	1917329	20.479	ng/ul	100
72) Anthracene	17.03	178	1947876	20.493	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.93	216	509113	20.425	ng/uL	100
74) Pentachlorobenzene	14.47	250	523489	19.531	ng/uL	100
75) Carbazole	17.30	167	1729723	21.016	ng/ul	100
76) Di-n-butylphthalate	17.89	149	1811872	17.704	ng/ul	100
77) Fluoranthene	18.96	202	2187793	21.790	ng/ul	100
80) Pyrene	19.33	202	2289630	19.003	ng/ul	100
81) Butylbenzylphthalate	20.26	149	866458	16.927	ng/ul	100
82) 3,3'-Dichlorobenzidine	21.03	252	789618	17.464	ng/ul	100
83) Benzo(a)anthracene	21.09	228	2416411	20.216	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.04	149	1227111	16.129	ng/ul	100
85) Chrysene	21.14	228	2310080	20.580	ng/ul	100
87) Di-n-octyl phthalate	21.90	149	2186076	16.575	ng/ul	100
88) Benzo(b)fluoranthene	22.62	252	2776746	19.906	ng/ul	100
89) Benzo(k)fluoranthene	22.66	252	2658125	20.074	ng/ul	100
91) Benzo(a)pyrene	23.16	252	2675024	20.282	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.38	276	3370824	20.583	ng/ul	100
93) Dibenzo(a,h)anthracene	25.39	278	2826518	20.548	ng/ul	100
94) Benzo(g,h,i)perylene	26.02	276	2806394	20.461	ng/ul	100

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

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