Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121919\
Data File : BM024176.D
Acq On : 19 Dec 2019 16:23
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020110

Manual Integrations APPROVED
Sohil
12/20/2019 4:28:30 PM

Quant Time: Dec 20 03:47:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 17 15:54:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	268239	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.20	136	1148122	20.00	ng/ul	-0.02
36) Acenaphthene-d10	14.10	164	727900	20.00	ng/ul	-0.01
62) Phenanthrene-d10	16.86	188	1502648	20.00	ng/ul	-0.01
78) Chrysene-d12	21.07	240	1436954	20.00	ng/ul	0.00
86) Perylene-d12	23.20	264	1658671	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.00	96	50040	8.24	ng/uL	0.00
5) Phenol-d5	6.64	99	425525	16.75	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.79	67	284929	18.71	ng/ul	-0.01
9) 2-Chlorophenol-d4	6.97	132	332871	18.38	ng/ul	-0.02
13) 4-Methylphenol-d8	8.16	113	343853	16.56	ng/ul	-0.01
19) Nitrobenzene-d5	8.59	128	160033	19.40	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.31	143	177995	19.62	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	9.85	165	338912	19.22	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.36	131	401361	18.74	ng/ul	-0.01
44) Dimethylphthalate-d6	13.53	166	1038340	19.29	ng/ul	-0.01
47) Acenaphthylene-d8	13.79	160	1257901	19.50	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.34	143	148403	15.36	ng/ul	-0.01
58) Fluorene-d10	15.10	176	889478	18.85	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.26	200	165746	18.08	ng/ul	0.00
71) Anthracene-d10	16.96	188	1322687	19.35	ng/ul	-0.01
79) Pyrene-d10	19.27	212	1388156	20.28	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.07	264	1605016	19.48	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.03	88	53976	8.025	ng/uL	98
4) Benzaldehyde	6.60	77	316323	19.265	ng/ul	97
6) Phenol	6.66	94	444598	16.952	ng/ul	100
8) Bis(2-Chloroethyl)ether	6.88	93	373220	18.365	ng/ul	99
10) 2-Chlorophenol	7.01	128	347363	18.697	ng/ul	99
11) 2-Methylphenol	7.90	108	323115	16.570	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	7.97	45	447382	19.115	ng/ul	100
14) Acetophenone	8.26	105	546401	17.451	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.25	70	315240	18.225	ng/ul	98
16) 4-Methylphenol	8.23	108	359616	16.611	ng/ul	96
17) Hexachloroethane	8.49	117	152401	19.874	ng/ul	95
20) Nitrobenzene	8.63	77	447825	19.528	ng/ul	100
21) Isophorone	9.16	82	833716	19.451	ng/ul	100
23) 2-Nitrophenol	9.34	139	196192	19.646	ng/ul	96
24) 2,4-Dimethylphenol	9.42	107	411600	19.106	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.65	93	527226	19.800	ng/ul	99
27) 2,4-Dichlorophenol	9.87	162	327448	18.973	ng/ul	99
28) Naphthalene	10.26	128	1164997	19.364	ng/ul	99
30) 4-Chloroaniline	10.39	127	401340	18.566	ng/ul	99
31) Hexachlorobutadiene	10.55	225	216122	20.256	ng/ul	100
32) Caprolactam	11.20	113	103402m	15.855	ng/ul	
33) 4-Chloro-3-methylphenol	11.53	107	380262	18.361	ng/ul	97
34) 2-Methylnaphthalene	11.88	142	813304	18.912	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.11	142	822616	18.741	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.26	216	394899	20.069	ng/ul	99
38) Hexachlorocyclopentadiene	12.24	237	142543	16.077	ng/ul	94
39) 2,4,6-Trichlorophenol	12.52	196	258242	19.844	ng/ul	99
40) 2,4,5-Trichlorophenol	12.60	196	272696	19.438	ng/ul	99
41) 1,1'-Biphenyl	12.92	154	1074791	19.781	ng/ul	100
42) 2-Chloronaphthalene	12.96	162	838401	19.640	ng/ul	100
43) 2-Nitroaniline	13.19	65	238964	19.093	ng/ul	98
45) Dimethylphthalate	13.57	163	1078505	19.279	ng/ul	99
46) 2,6-Dinitrotoluene	13.70	165	204727	18.579	ng/ul	99
48) Acenaphthylene	13.82	152	1334636	19.491	ng/ul	99
49) 3-Nitroaniline	14.03	138	177427	16.965	ng/ul	94
50) Acenaphthene	14.17	153	908708	19.301	ng/ul	99
51) 2,4-Dinitrophenol	14.26	184	91433	14.765	ng/ul	99
53) 4-Nitrophenol	14.36	109	121834	15.809	ng/ul	96
54) Dibenzofuran	14.50	168	1241722	18.971	ng/ul	99
55) 2,4-Dinitrotoluene	14.50	165	305438	18.354	ng/ul	91
56) 2,3,4,6-Tetrachlorophenol	14.74	232	239838	18.911	ng/ul	99
57) Diethylphthalate	14.96	149	1116856	19.637	ng/ul	100
59) Fluorene	15.16	166	1044003	18.888	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.16	204	517623	19.258	ng/ul	99
61) 4-Nitroaniline	15.20	138	177048	15.332	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.27	198	178644	18.246	ng/ul	97
65) N-Nitrosodiphenylamine	15.38	169	879588	20.132	ng/ul	99
66) 4-Bromophenyl-phenylether	16.06	248	323023	20.224	ng/ul	98
67) Hexachlorobenzene	16.17	284	386660	19.771	ng/ul	99
68) Atrazine	16.34	200	312135	19.219	ng/ul	99
69) Pentachlorophenol	16.52	266	175875	17.161	ng/ul	98
70) Phenanthrene	16.90	178	1643980	19.542	ng/ul	100
72) Anthracene	16.99	178	1656186	19.583	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.89	216	397938	21.101	ng/uL	97
74) Pentachlorobenzene	14.43	250	426562	20.537	ng/uL	97
75) Carbazole	17.27	167	1387745	19.101	ng/ul	100
76) Di-n-butylphthalate	17.85	149	1901904	21.828	ng/ul	99
77) Fluoranthene	18.93	202	1847324	20.147	ng/ul	100
80) Pyrene	19.30	202	1907730	20.336	ng/ul	98
81) Butylbenzylphthalate	20.23	149	839269	22.709	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.00	252	639391	20.044	ng/ul	99
83) Benzo(a)anthracene	21.06	228	1788305	19.533	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.02	149	1307673	23.743	ng/ul	100
85) Chrysene	21.11	228	1751352	19.516	ng/ul	99
87) Di-n-octyl phthalate	21.87	149	2179685	24.322	ng/ul	100
88) Benzo(b)fluoranthene	22.57	252	1973594	19.886	ng/ul	99
89) Benzo(k)fluoranthene	22.61	252	1885542	19.363	ng/ul	99
91) Benzo(a)pyrene	23.11	252	1777010	19.793	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.31	276	2252052	20.890	ng/ul	100
93) Dibenzo(a,h)anthracene	25.31	278	1892201	20.935	ng/ul	99
94) Benzo(g,h,i)perylene	25.95	276	1868528	21.228	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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