Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\
Data File : BM023210.D
Acq On : 17 Oct 2019 04:09
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02013

Quant Time: Oct 17 09:02:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 17 04:31:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	425307	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	1651067	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.31	164	947325	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.05	188	1837889	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	1806638	20.00	ng/ul	0.00
86) Perylene-d12	23.45	264	2139936	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	76375	7.90	ng/uL	0.00
5) Phenol-d5	6.83	99	653183	17.63	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	383798	18.31	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	529962	18.69	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	512847	17.24	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	243517	21.80	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	262555	24.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	525635	19.43	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	626167	19.03	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	1384747	19.07	ng/ul	0.00
47) Acenaphthylene-d8	14.00	160	1664673	19.55	ng/ul	0.00
52) 4-Nitrophenol-d4	14.50	143	225907	19.22	ng/ul	0.00
58) Fluorene-d10	15.30	176	1153608	18.65	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	157781	21.65	ng/ul	0.00
71) Anthracene-d10	17.15	188	1714327	19.34	ng/ul	0.00
79) Pyrene-d10	19.45	212	1824768	20.86	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.31	264	2113814	19.49	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.20	88	79608	7.882	ng/uL#	82
4) Benzaldehyde	6.80	77	474581	19.498	ng/ul	97
6) Phenol	6.86	94	675018	17.671	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.09	93	528770	18.772	ng/ul	98
10) 2-Chlorophenol	7.23	128	561921	18.965	ng/ul	96
11) 2-Methylphenol	8.10	108	504560	17.231	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.20	45	739438	17.984	ng/ul	99
14) Acetophenone	8.48	105	800652	17.261	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.47	70	418622	16.339	ng/ul	96
16) 4-Methylphenol	8.43	108	534836	16.797	ng/ul	99
17) Hexachloroethane	8.74	117	230481	19.568	ng/ul	98
20) Nitrobenzene	8.85	77	594989	19.935	ng/ul	94
21) Isophorone	9.38	82	1118961	17.429	ng/ul	99
23) 2-Nitrophenol	9.56	139	282213	23.052	ng/ul	96
24) 2,4-Dimethylphenol	9.63	107	599630	18.428	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.87	93	684403	19.196	ng/ul	99
27) 2,4-Dichlorophenol	10.09	162	515391	19.500	ng/ul	98
28) Naphthalene	10.49	128	1658296	19.432	ng/ul	99
30) 4-Chloroaniline	10.60	127	654480	19.223	ng/ul	99
31) Hexachlorobutadiene	10.79	225	364384	20.465	ng/ul	99
32) Caprolactam	11.36	113	148107	15.607	ng/ul	87
33) 4-Chloro-3-methylphenol	11.73	107	517145	17.075	ng/ul	100
34) 2-Methylnaphthalene	12.12	142	1188132	18.710	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.33	142	1133604	18.446	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.49	216	644865	21.045	ng/ul	98
38) Hexachlorocyclopentadiene	12.48	237	296780	16.005	ng/ul	98
39) 2,4,6-Trichlorophenol	12.73	196	402379	21.354	ng/ul	100
40) 2,4,5-Trichlorophenol	12.80	196	419161	20.692	ng/ul	99
41) 1,1'-Biphenyl	13.14	154	1489889	20.670	ng/ul	99
42) 2-Chloronaphthalene	13.17	162	1159360	20.768	ng/ul	99
43) 2-Nitroaniline	13.37	65	296915	22.697	ng/ul	91
45) Dimethylphthalate	13.77	163	1376835	18.948	ng/ul	99
46) 2,6-Dinitrotoluene	13.88	165	263848	23.127	ng/ul	94
48) Acenaphthylene	14.03	152	1722008	19.780	ng/ul	99
49) 3-Nitroaniline	14.20	138	259649	21.121	ng/ul#	94
50) Acenaphthene	14.37	153	1197723	19.757	ng/ul	98
51) 2,4-Dinitrophenol	14.42	184	110666	21.295	ng/ul	90
53) 4-Nitrophenol	14.52	109	183158	17.301	ng/ul	88
54) Dibenzofuran	14.71	168	1673172	19.442	ng/ul	100
55) 2,4-Dinitrotoluene	14.67	165	361998	21.693	ng/ul	95
56) 2,3,4,6-Tetrachlorophenol	14.93	232	356655	20.224	ng/ul	95
57) Diethylphthalate	15.15	149	1367535	18.428	ng/ul	99
59) Fluorene	15.36	166	1330643	18.846	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.36	204	711274	19.288	ng/ul	99
61) 4-Nitroaniline	15.37	138	283727	19.182	ng/ul	90
64) 4,6-Dinitro-2-methylphenol	15.44	198	183056	21.456	ng/ul	92
65) N-Nitrosodiphenylamine	15.57	169	1165680	20.551	ng/ul	99
66) 4-Bromophenyl-phenylether	16.26	248	461689	20.808	ng/ul	96
67) Hexachlorobenzene	16.37	284	524402	20.840	ng/ul	97
68) Atrazine	16.53	200	417789	19.245	ng/ul	99
69) Pentachlorophenol	16.71	266	294821	20.917	ng/ul	99
70) Phenanthrene	17.10	178	2042417	19.802	ng/ul	99
72) Anthracene	17.19	178	2088109	19.591	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.10	216	612909	22.965	ng/uL	99
74) Pentachlorobenzene	14.63	250	610407	21.953	ng/uL	99
75) Carbazole	17.45	167	1824824	19.165	ng/ul	99
76) Di-n-butylphthalate	18.04	149	2242389	19.790	ng/ul	99
77) Fluoranthene	19.12	202	2351733	19.172	ng/ul	99
80) Pyrene	19.48	202	2381448	21.042	ng/ul	100
81) Butylbenzylphthalate	20.40	149	966104	24.543	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.16	252	903164	20.637	ng/ul	99
83) Benzo(a)anthracene	21.23	228	2402857	19.629	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.19	149	1437368	22.964	ng/ul	99
85) Chrysene	21.28	228	2229665	19.616	ng/ul	99
87) Di-n-octyl phthalate	22.07	149	2458065	22.265	ng/ul	100
88) Benzo(b)fluoranthene	22.80	252	2511366	19.356	ng/ul	99
89) Benzo(k)fluoranthene	22.84	252	2458650	19.735	ng/ul	100
91) Benzo(a)pyrene	23.36	252	2434466	19.557	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.67	276	3038123	20.516	ng/ul	99
93) Dibenzo(a,h)anthracene	25.69	278	2537004	20.490	ng/ul	99
94) Benzo(g,h,i)perylene	26.34	276	2522369	20.688	ng/ul	98

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

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