Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071019\
Data File : BM021427.D
Acq On : 11 Jul 2019 04:27
Operator : HP/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02032

Manual Integrations APPROVED
mohammad
7/12/2019 10:36:22 PM

Quant Time: Jul 11 05:03:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 08 17:45:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	275256	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	1162513	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	700927	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.13	188	1647745	20.00	ng/ul	0.00
77) Chrysene-d12	21.32	240	1701766	20.00	ng/ul	0.00
85) Perylene-d12	23.57	264	1913638	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	47165	8.44	ng/uL	0.00
5) Phenol-d5	6.91	99	423277	19.78	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.08	67	246098	19.39	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	361283	19.61	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	351996	20.65	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	175827	18.36	ng/ul	0.00
22) 2-Nitrophenol-d4	9.61	143	198254	18.31	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	405366	18.77	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	459742	23.55	ng/ul	0.00
43) Dimethylphthalate-d6	13.79	166	1136356	18.51	ng/ul	0.00
46) Acenaphthylene-d8	14.07	160	1436797	18.64	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	182750	18.79	ng/ul	0.00
57) Fluorene-d10	15.37	176	995352	18.17	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.51	200	200962	18.14	ng/ul	0.00
70) Anthracene-d10	17.23	188	1578321	18.44	ng/ul	0.00
78) Pyrene-d10	19.52	212	1722112	18.44	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.43	264	1898319	17.25	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	36087	6.145	ng/uL	95
4) Benzaldehyde	6.89	77	270066	23.373	ng/ul	97
6) Phenol	6.94	94	430937	21.036	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.17	93	333130	21.033	ng/ul	96
10) 2-Chlorophenol	7.30	128	360350	20.354	ng/ul	98
11) 2-Methylphenol	8.17	108	332955	21.330	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.26	45	417927	21.639	ng/ul	99
14) Acetophenone	8.56	105	553759	21.566	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.55	70	275420	21.391	ng/ul	98
16) 4-Methylphenol	8.51	108	358512	21.662	ng/ul	98
17) Hexachloroethane	8.79	117	152958	19.758	ng/ul	95
20) Nitrobenzene	8.94	77	420499	19.605	ng/ul	98
21) Isophorone	9.46	82	751753	19.775	ng/ul	100
23) 2-Nitrophenol	9.65	139	212138	19.673	ng/ul	97
24) 2,4-Dimethylphenol	9.70	107	412083	19.642	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.94	93	464298	19.580	ng/ul	98
27) 2,4-Dichlorophenol	10.17	162	391686	19.828	ng/ul	100
28) Naphthalene	10.57	128	1177352	19.460	ng/ul	99
30) 4-Chloroaniline	10.69	127	458300	24.557	ng/ul	98
31) Hexachlorobutadiene	10.83	225	282574	19.355	ng/ul	100
32) Caprolactam	11.50	113	124466m	24.144	ng/ul	
33) 4-Chloro-3-methylphenol	11.82	107	374613	20.373	ng/ul	99
34) 2-Methylnaphthalene	12.18	142	866016	19.419	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.55	216	528665	19.394	ng/ul	100
37) Hexachlorocyclopentadiene	12.52	237	444926	32.084	ng/ul	98
38) 2,4,6-Trichlorophenol	12.80	196	326296	20.113	ng/ul	97
39) 2,4,5-Trichlorophenol	12.88	196	343556	19.980	ng/ul	97
40) 1,1'-Biphenyl	13.20	154	1139736	19.428	ng/ul	100
41) 2-Chloronaphthalene	13.25	162	918114	19.528	ng/ul	99
42) 2-Nitroaniline	13.47	65	211366	20.575	ng/ul	97
44) Dimethylphthalate	13.84	163	1130897	19.784	ng/ul	100
45) 2,6-Dinitrotoluene	13.97	165	215552	20.708	ng/ul	95
47) Acenaphthylene	14.10	152	1315888	19.623	ng/ul	100
48) 3-Nitroaniline	14.30	138	195866	20.917	ng/ul	96
49) Acenaphthene	14.44	153	951550	19.528	ng/ul	99
50) 2,4-Dinitrophenol	14.52	184	133449	21.317	ng/ul	98
52) 4-Nitrophenol	14.62	109	157615	21.751	ng/ul	99
53) Dibenzofuran	14.78	168	1363746	19.320	ng/ul	99
54) 2,4-Dinitrotoluene	14.76	165	330023	20.671	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	15.00	232	311279	20.312	ng/ul	99
56) Diethylphthalate	15.20	149	1088411	19.832	ng/ul	99
58) Fluorene	15.43	166	1115239	19.529	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.43	204	624709	19.574	ng/ul	98
60) 4-Nitroaniline	15.47	138	192057	19.976	ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.52	198	208815	18.950	ng/ul	97
64) N-Nitrosodiphenylamine	15.65	169	959661	19.578	ng/ul	100
65) 4-Bromophenyl-phenylether	16.32	248	400673	19.653	ng/ul	99
66) Hexachlorobenzene	16.43	284	471588	19.457	ng/ul	99
67) Atrazine	16.60	200	434426	23.990	ng/ul	100
68) Pentachlorophenol	16.78	266	257085	20.122	ng/ul	98
69) Phenanthrene	17.17	178	1784240	19.204	ng/ul	99
71) Anthracene	17.26	178	1826468	19.315	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.16	216	518712	19.204	ng/uL	99
73) Pentachlorobenzene	14.69	250	558031	20.055	ng/uL	99
74) Carbazole	17.54	167	1522278	19.395	ng/ul	100
75) Di-n-butylphthalate	18.09	149	1804133	20.063	ng/ul	100
76) Fluoranthene	19.19	202	2149943	19.488	ng/ul	100
79) Pyrene	19.55	202	2183543	19.387	ng/ul	99
80) Butylbenzylphthalate	20.45	149	800481	20.064	ng/ul	97
81) 3,3'-Dichlorobenzidine	21.24	252	758366	20.043	ng/ul	100
82) Benzo(a)anthracene	21.30	228	2255359	19.352	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.22	149	1186825	20.224	ng/ul	100
84) Chrysene	21.35	228	2119285	19.344	ng/ul	100
86) Di-n-octyl phthalate	22.11	149	2036277	19.698	ng/ul	100
87) Benzo(b)fluoranthene	22.90	252	2302361	19.307	ng/ul	100
88) Benzo(k)fluoranthene	22.94	252	2325525	19.578	ng/ul	99
90) Benzo(a)pyrene	23.48	252	2231749	19.376	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.86	276	2759655	19.396	ng/ul	100
92) Dibenzo(a,h)anthracene	25.87	278	2328492	19.467	ng/ul	99
93) Benzo(g,h,i)perylene	26.56	276	2255367	19.213	ng/ul	99

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

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