Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062519\
Data File : BM021182.D
Acq On : 26 Jun 2019 03:42
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02043

Manual Integrations APPROVED
mohammad
6/27/2019 8:17:37 AM

Quant Time: Jun 26 11:31:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 26 01:32:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	289862	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	1302898	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.41	164	890247	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	2245429	20.00	ng/ul	0.00
77) Chrysene-d12	21.34	240	2416037	20.00	ng/ul	0.00
85) Perylene-d12	23.61	264	2327793	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	38563	6.32	ng/uL	0.00
5) Phenol-d5	6.94	99	472559	18.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.11	67	274909	18.29	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	385716	18.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	397382	18.87	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	199132	18.82	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	231278	19.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	475580	19.92	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	529928	21.28	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	1498752	18.63	ng/ul	0.00
46) Acenaphthylene-d8	14.10	160	1837100	18.66	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	249811	19.09	ng/ul	0.00
57) Fluorene-d10	15.40	176	1332781	19.05	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	251541	18.22	ng/ul	0.00
70) Anthracene-d10	17.26	188	2169517	18.59	ng/ul	0.00
78) Pyrene-d10	19.55	212	2505622	17.28	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.46	264	2576834	18.76	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.32	88	39372	6.374	ng/uL	94
4) Benzaldehyde	6.92	77	212833	18.504	ng/ul	100
6) Phenol	6.96	94	445332	18.661	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.20	93	338876	18.606	ng/ul	99
10) 2-Chlorophenol	7.33	128	361878	18.732	ng/ul	99
11) 2-Methylphenol	8.20	108	347523	18.821	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.30	45	422371	18.161	ng/ul	99
14) Acetophenone	8.59	105	574392	18.950	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.57	70	298900	18.947	ng/ul	97
16) 4-Methylphenol	8.53	108	378838	18.854	ng/ul	98
17) Hexachloroethane	8.83	117	148421	18.431	ng/ul	98
20) Nitrobenzene	8.97	77	437404	18.404	ng/ul	98
21) Isophorone	9.49	82	835372	18.664	ng/ul	98
23) 2-Nitrophenol	9.67	139	227982	19.306	ng/ul	97
24) 2,4-Dimethylphenol	9.73	107	450695	18.682	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.97	93	499717	18.117	ng/ul	99
27) 2,4-Dichlorophenol	10.20	162	423770	19.493	ng/ul	97
28) Naphthalene	10.60	128	1235700	18.473	ng/ul	100
30) 4-Chloroaniline	10.72	127	500193	21.353	ng/ul	100
31) Hexachlorobutadiene	10.87	225	277394	18.727	ng/ul	98
32) Caprolactam	11.52	113	123009m	20.128	ng/ul	
33) 4-Chloro-3-methylphenol	11.85	107	440883	19.892	ng/ul	97
34) 2-Methylnaphthalene	12.22	142	969807	18.908	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.59	216	581509	18.297	ng/ul	99
37) Hexachlorocyclopentadiene	12.56	237	376153	19.895	ng/ul	96
38) 2,4,6-Trichlorophenol	12.83	196	385273	19.507	ng/ul	97
39) 2,4,5-Trichlorophenol	12.90	196	410356	19.451	ng/ul	99
40) 1,1'-Biphenyl	13.24	154	1314177	17.895	ng/ul	99
41) 2-Chloronaphthalene	13.28	162	1055872	18.198	ng/ul	99
42) 2-Nitroaniline	13.50	65	272710	19.340	ng/ul	98
44) Dimethylphthalate	13.87	163	1357963	18.545	ng/ul	99
45) 2,6-Dinitrotoluene	14.00	165	278795	19.949	ng/ul	95
47) Acenaphthylene	14.13	152	1560698	18.512	ng/ul	99
48) 3-Nitroaniline	14.33	138	255500	20.884	ng/ul	99
49) Acenaphthene	14.47	153	1130746	18.295	ng/ul	99
50) 2,4-Dinitrophenol	14.54	184	143924	20.499	ng/ul	94
52) 4-Nitrophenol	14.63	109	183751	18.986	ng/ul	98
53) Dibenzofuran	14.81	168	1644647	18.689	ng/ul	97
54) 2,4-Dinitrotoluene	14.79	165	424302	20.921	ng/ul	100
55) 2,3,4,6-Tetrachlorophenol	15.03	232	386243	20.995	ng/ul	99
56) Diethylphthalate	15.23	149	1351182	19.126	ng/ul	100
58) Fluorene	15.46	166	1363826	19.075	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.45	204	742147	19.038	ng/ul	99
60) 4-Nitroaniline	15.49	138	251541	19.343	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.54	198	247937	17.893	ng/ul	98
64) N-Nitrosodiphenylamine	15.67	169	1190720	17.509	ng/ul	99
65) 4-Bromophenyl-phenylether	16.35	248	492417	17.883	ng/ul	96
66) Hexachlorobenzene	16.46	284	580482	18.394	ng/ul	96
67) Atrazine	16.63	200	465735	18.877	ng/ul	99
68) Pentachlorophenol	16.80	266	328769	20.777	ng/ul	98
69) Phenanthrene	17.20	178	2288300	18.427	ng/ul	99
71) Anthracene	17.29	178	2348831	18.561	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.20	216	584193	16.538	ng/uL	99
73) Pentachlorobenzene	14.72	250	630209	17.339	ng/uL	98
74) Carbazole	17.56	167	2024674	19.413	ng/ul	100
75) Di-n-butylphthalate	18.12	149	2433841	19.437	ng/ul	100
76) Fluoranthene	19.22	202	2876290	21.436	ng/ul	99
79) Pyrene	19.58	202	2935108	17.184	ng/ul	99
80) Butylbenzylphthalate	20.48	149	1185151	18.745	ng/ul	94
81) 3,3'-Dichlorobenzidine	21.26	252	990540	18.292	ng/ul	99
82) Benzo(a)anthracene	21.32	228	3023538	18.356	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.24	149	1791583	19.902	ng/ul	99
84) Chrysene	21.37	228	2807220	18.197	ng/ul	100
86) Di-n-octyl phthalate	22.13	149	3041933	22.678	ng/ul	100
87) Benzo(b)fluoranthene	22.93	252	2787684	18.905	ng/ul	99
88) Benzo(k)fluoranthene	22.97	252	2793097	19.690	ng/ul	99
90) Benzo(a)pyrene	23.51	252	2553980	18.402	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.90	276	2740418	16.768	ng/ul	98
92) Dibenzo(a,h)anthracene	25.91	278	2317885	16.860	ng/ul	99
93) Benzo(g,h,i)perylene	26.60	276	2188485	16.259	ng/ul	98

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

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