Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070319\
Data File : BM021386.D
Acq On : 04 Jul 2019 03:34
Operator : HP/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02043

Manual Integrations APPROVED
mohammad
7/5/2019 8:27:03 AM

Quant Time: Jul 04 04:07:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 01:58:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	324182	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	1421757	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.39	164	921902	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.14	188	2068765	20.00	ng/ul	0.00
77) Chrysene-d12	21.33	240	1459503	20.00	ng/ul	0.00
85) Perylene-d12	23.59	264	1645535	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	44774	6.56	ng/uL	0.00
5) Phenol-d5	6.93	99	514786	18.24	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	282189	16.79	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	427138	18.63	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	436056	18.51	ng/ul	0.00
19) Nitrobenzene-d5	8.91	128	213933	18.53	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	249192	19.44	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.16	165	512415	19.66	ng/ul	0.00
29) 4-Chloroaniline-d4	10.68	131	585805	21.55	ng/ul	0.00
43) Dimethylphthalate-d6	13.80	166	1493078	17.92	ng/ul	0.00
46) Acenaphthylene-d8	14.08	160	1877888	18.42	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	214148	15.80	ng/ul	0.00
57) Fluorene-d10	15.39	176	1294577	17.87	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.52	200	218352	17.17	ng/ul	0.00
70) Anthracene-d10	17.24	188	1961948	18.25	ng/ul	0.00
78) Pyrene-d10	19.53	212	1780587	20.33	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.44	264	1653475	17.03	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	46364	6.711	ng/uL	96
4) Benzaldehyde	6.90	77	342342	26.612	ng/ul	100
6) Phenol	6.95	94	512293	19.195	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.18	93	385267	18.914	ng/ul	99
10) 2-Chlorophenol	7.32	128	427642	19.792	ng/ul	98
11) 2-Methylphenol	8.19	108	401558	19.445	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.27	45	485170	18.653	ng/ul	100
14) Acetophenone	8.57	105	663418	19.570	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.56	70	335566	19.020	ng/ul	98
16) 4-Methylphenol	8.52	108	441335	19.639	ng/ul	97
17) Hexachloroethane	8.81	117	173700	19.287	ng/ul	99
20) Nitrobenzene	8.95	77	506603	19.533	ng/ul	100
21) Isophorone	9.47	82	943062	19.308	ng/ul	99
23) 2-Nitrophenol	9.66	139	265158	20.577	ng/ul	99
24) 2,4-Dimethylphenol	9.72	107	515737	19.591	ng/ul	100
25) Bis(2-Chloroethoxy)methane	9.96	93	574090	19.073	ng/ul	100
27) 2,4-Dichlorophenol	10.19	162	492922	20.779	ng/ul	98
28) Naphthalene	10.58	128	1429695	19.586	ng/ul	99
30) 4-Chloroaniline	10.70	127	589365	23.056	ng/ul	98
31) Hexachlorobutadiene	10.85	225	322007	19.922	ng/ul	99
32) Caprolactam	11.51	113	175554m	26.324	ng/ul	
33) 4-Chloro-3-methylphenol	11.84	107	496192	20.516	ng/ul	96
34) 2-Methylnaphthalene	12.20	142	1105433	19.750	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.57	216	660639	20.073 ng/ul	97
37) Hexachlorocyclopentadiene	12.53	237	369781	18.886 ng/ul	99
38) 2,4,6-Trichlorophenol	12.82	196	430611	21.054 ng/ul	98
39) 2,4,5-Trichlorophenol	12.89	196	452157	20.697 ng/ul	99
40) 1,1'-Biphenyl	13.22	154	1465521	19.271 ng/ul	99
41) 2-Chloronaphthalene	13.26	162	1180324	19.645 ng/ul	100
42) 2-Nitroaniline	13.48	65	290791	19.914 ng/ul	98
44) Dimethylphthalate	13.85	163	1486666	19.606 ng/ul	99
45) 2,6-Dinitrotoluene	13.98	165	302537	20.904 ng/ul	98
47) Acenaphthylene	14.11	152	1703183	19.509 ng/ul	99
48) 3-Nitroaniline	14.32	138	278706	21.998 ng/ul	98
49) Acenaphthene	14.45	153	1236701	19.322 ng/ul	99
50) 2,4-Dinitrophenol	14.53	184	134248	18.465 ng/ul	94
52) 4-Nitrophenol	14.63	109	202642	20.219 ng/ul	99
53) Dibenzofuran	14.79	168	1781975	19.554 ng/ul	99
54) 2,4-Dinitrotoluene	14.77	165	443335	21.109 ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	15.02	232	397673	20.874 ng/ul	99
56) Diethylphthalate	15.22	149	1465428	20.030 ng/ul	99
58) Fluorene	15.44	166	1454576	19.645 ng/ul	100
59) 4-Chlorophenyl-phenylether	15.43	204	807537	20.004 ng/ul	99
60) 4-Nitroaniline	15.49	138	261668	19.430 ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.53	198	223227	17.486 ng/ul	100
64) N-Nitrosodiphenylamine	15.66	169	1259640	20.105 ng/ul	100
65) 4-Bromophenyl-phenylether	16.33	248	517380	20.394 ng/ul	99
66) Hexachlorobenzene	16.44	284	593023	20.396 ng/ul	99
67) Atrazine	16.62	200	567686	24.974 ng/ul	99
68) Pentachlorophenol	16.79	266	297157	20.383 ng/ul	98
69) Phenanthrene	17.19	178	2242178	19.597 ng/ul	100
71) Anthracene	17.27	178	2264120	19.419 ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.18	216	649593	19.960 ng/uL	99
73) Pentachlorobenzene	14.70	250	713960	21.320 ng/uL	97
74) Carbazole	17.55	167	1798076	18.712 ng/ul	99
75) Di-n-butylphthalate	18.10	149	2441554	21.164 ng/ul	100
76) Fluoranthene	19.20	202	2275016	18.403 ng/ul	99
79) Pyrene	19.56	202	2229181	21.604 ng/ul	98
80) Butylbenzylphthalate	20.46	149	897701	23.503 ng/ul	98
81) 3,3'-Dichlorobenzidine	21.25	252	630392	19.271 ng/ul	99
82) Benzo(a)anthracene	21.31	228	1971251	19.811 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.23	149	1364525	25.092 ng/ul	99
84) Chrysene	21.36	228	1829992	19.637 ng/ul	99
86) Di-n-octyl phthalate	22.12	149	2014162	21.242 ng/ul	100
87) Benzo(b)fluoranthene	22.91	252	2039190	19.563 ng/ul	100
88) Benzo(k)fluoranthene	22.96	252	1924379	19.190 ng/ul	100
90) Benzo(a)pyrene	23.49	252	1916454	19.534 ng/ul	100
91) Indeno(1,2,3-cd)pyrene	25.88	276	2415539	20.908 ng/ul	99
92) Dibenzo(a,h)anthracene	25.89	278	2031321	20.901 ng/ul	98
93) Benzo(g,h,i)perylene	26.58	276	1973036	20.736 ng/ul	99

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

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