Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070519\
Data File : BM021399.D
Acq On : 05 Jul 2019 16:27
Operator : HP/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02045

Manual Integrations APPROVED
mohammad
7/6/2019 12:13:15 AM

Quant Time: Jul 05 23:16:29 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	250661	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	1233707	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.39	164	838980	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.14	188	2063308	20.00	ng/ul	0.00
77) Chrysene-d12	21.33	240	1765248	20.00	ng/ul	0.00
85) Perylene-d12	23.59	264	1803937	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	39929	7.56	ng/uL	0.00
5) Phenol-d5	6.92	99	434346	19.91	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	238135	18.32	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	349295	19.70	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	379503	20.84	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	185985	18.57	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	214579	19.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.16	165	452653	20.02	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	508266	21.55	ng/ul	0.00
43) Dimethylphthalate-d6	13.80	166	1364114	17.99	ng/ul	0.00
46) Acenaphthylene-d8	14.08	160	1730670	18.65	ng/ul	0.00
51) 4-Nitrophenol-d4	14.61	143	203646	16.51	ng/ul	0.00
57) Fluorene-d10	15.38	176	1221154	18.52	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.52	200	226360	17.85	ng/ul	0.00
70) Anthracene-d10	17.24	188	1974480	18.41	ng/ul	0.00
78) Pyrene-d10	19.53	212	2031978	19.18	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.44	264	1796668	16.88	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	31478	5.893	ng/uL	98
4) Benzaldehyde	6.90	77	258816	26.021	ng/ul	98
6) Phenol	6.95	94	442378	21.437	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.18	93	329371	20.912	ng/ul	98
10) 2-Chlorophenol	7.31	128	350496	20.980	ng/ul	98
11) 2-Methylphenol	8.19	108	352368	22.068	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.26	45	417204	20.744	ng/ul	99
14) Acetophenone	8.57	105	584946	22.316	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.55	70	297202	21.786	ng/ul	96
16) 4-Methylphenol	8.52	108	389252	22.402	ng/ul	99
17) Hexachloroethane	8.80	117	134723	19.347	ng/ul	97
20) Nitrobenzene	8.95	77	443645	19.713	ng/ul	99
21) Isophorone	9.47	82	831301	19.614	ng/ul	99
23) 2-Nitrophenol	9.65	139	230368	20.603	ng/ul	97
24) 2,4-Dimethylphenol	9.71	107	458028	20.051	ng/ul	100
25) Bis(2-Chloroethoxy)methane	9.95	93	503139	19.264	ng/ul	100
27) 2,4-Dichlorophenol	10.18	162	436356	21.198	ng/ul	97
28) Naphthalene	10.58	128	1249674	19.729	ng/ul	100
30) 4-Chloroaniline	10.70	127	507539	22.881	ng/ul	99
31) Hexachlorobutadiene	10.85	225	276806	19.736	ng/ul	99
32) Caprolactam	11.50	113	162816m	28.135	ng/ul	
33) 4-Chloro-3-methylphenol	11.83	107	445431	21.225	ng/ul	98
34) 2-Methylnaphthalene	12.19	142	994675	20.480	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.56	216	594990	19.865 ng/ul	98
37) Hexachlorocyclopentadiene	12.53	237	313733	17.607 ng/ul	98
38) 2,4,6-Trichlorophenol	12.81	196	390372	20.973 ng/ul	98
39) 2,4,5-Trichlorophenol	12.89	196	419018	21.076 ng/ul	99
40) 1,1'-Biphenyl	13.22	154	1329883	19.215 ng/ul	100
41) 2-Chloronaphthalene	13.26	162	1075861	19.676 ng/ul	99
42) 2-Nitroaniline	13.48	65	273099	20.551 ng/ul	98
44) Dimethylphthalate	13.85	163	1349171	19.551 ng/ul	99
45) 2,6-Dinitrotoluene	13.98	165	274996	20.879 ng/ul	95
47) Acenaphthylene	14.11	152	1587408	19.980 ng/ul	98
48) 3-Nitroaniline	14.31	138	247890	21.500 ng/ul	99
49) Acenaphthene	14.45	153	1147556	19.701 ng/ul	99
50) 2,4-Dinitrophenol	14.52	184	128096	19.360 ng/ul	96
52) 4-Nitrophenol	14.63	109	176554	19.357 ng/ul	94
53) Dibenzofuran	14.79	168	1687342	20.345 ng/ul	98
54) 2,4-Dinitrotoluene	14.77	165	424464	22.208 ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	15.02	232	384636	22.186 ng/ul	99
56) Diethylphthalate	15.22	149	1337398	20.087 ng/ul	99
58) Fluorene	15.44	166	1385469	20.561 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.43	204	760057	20.688 ng/ul	99
60) 4-Nitroaniline	15.48	138	233366	19.041 ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.53	198	233292	18.323 ng/ul	95
64) N-Nitrosodiphenylamine	15.65	169	1197392	19.162 ng/ul	100
65) 4-Bromophenyl-phenylether	16.33	248	495390	19.579 ng/ul	98
66) Hexachlorobenzene	16.43	284	580873	20.031 ng/ul	99
67) Atrazine	16.61	200	556030	24.526 ng/ul	98
68) Pentachlorophenol	16.79	266	306102	21.052 ng/ul	97
69) Phenanthrene	17.18	178	2252028	19.735 ng/ul	99
71) Anthracene	17.27	178	2316793	19.923 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.17	216	589020	18.147 ng/uL	99
73) Pentachlorobenzene	14.70	250	660234	19.768 ng/uL	98
74) Carbazole	17.55	167	1902932	19.856 ng/ul	99
75) Di-n-butylphthalate	18.10	149	2335859	20.301 ng/ul	100
76) Fluoranthene	19.20	202	2574311	20.879 ng/ul	99
79) Pyrene	19.56	202	2564153	20.547 ng/ul	100
80) Butylbenzylphthalate	20.46	149	995780	21.556 ng/ul	96
81) 3,3'-Dichlorobenzidine	21.24	252	689539	17.428 ng/ul	100
82) Benzo(a)anthracene	21.31	228	2335130	19.403 ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.23	149	1506660	22.907 ng/ul#	99
84) Chrysene	21.36	228	2194070	19.466 ng/ul	100
86) Di-n-octyl phthalate	22.12	149	2333904	22.453 ng/ul	100
87) Benzo(b)fluoranthene	22.91	252	2213851	19.374 ng/ul	100
88) Benzo(k)fluoranthene	22.95	252	2207703	20.082 ng/ul	100
90) Benzo(a)pyrene	23.49	252	2086013	19.395 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.87	276	2481877	19.596 ng/ul	99
92) Dibenzo(a,h)anthracene	25.89	278	2079673	19.520 ng/ul	99
93) Benzo(g,h,i)perylene	26.58	276	2016329	19.330 ng/ul	97

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

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