Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062520\
Data File : BM026579.D
Acq On : 26 Jun 2020 04:05
Operator : JU/CG
Sample : SSTDCCC020EC
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02021

Manual Integrations APPROVED
mohammad
6/26/2020 12:22:01 PM

Quant Time: Jun 26 04:48:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 26 00:37:06 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	117095	20.00	ng/ul	0.00
18) Naphthalene-d8	10.13	136	533953	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.03	164	353027	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.79	188	778885	20.00	ng/ul	0.00
78) Chrysene-d12	21.00	240	832953	20.00	ng/ul	0.00
86) Perylene-d12	23.08	264	755291	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.96	96	24624	7.38	ng/uL	0.00
5) Phenol-d5	6.57	99	236521	21.93	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.73	67	157486	23.08	ng/ul	0.00
9) 2-Chlorophenol-d4	6.91	132	180528	20.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.10	113	196737	23.17	ng/ul	0.00
19) Nitrobenzene-d5	8.52	128	92941	19.59	ng/ul	0.00
22) 2-Nitrophenol-d4	9.23	143	106007	20.31	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.77	165	196378	20.44	ng/ul	0.00
29) 4-Chloroaniline-d4	10.28	131	254890	25.43	ng/ul	0.00
44) Dimethylphthalate-d6	13.46	166	599608	20.20	ng/ul	0.00
47) Acenaphthylene-d8	13.72	160	709414	19.92	ng/ul	0.00
52) 4-Nitrophenol-d4	14.27	143	99517	20.22	ng/ul	0.00
58) Fluorene-d10	15.03	176	515649	20.24	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.18	200	99699	19.56	ng/ul	0.00
71) Anthracene-d10	16.89	188	815693	20.57	ng/ul	0.00
79) Pyrene-d10	19.19	212	920164	20.14	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.95	264	860801	20.61	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.99	88	28567	7.717	ng/uL	98
4) Benzaldehyde	6.53	77	156275	25.217	ng/ul	99
6) Phenol	6.60	94	258691	21.899	ng/ul	99
8) Bis(2-Chloroethyl)ether	6.82	93	197456	22.335	ng/ul	99
10) 2-Chlorophenol	6.94	128	192927	20.461	ng/ul	98
11) 2-Methylphenol	7.83	108	195028	22.716	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	7.91	45	362381	24.014	ng/ul	99
14) Acetophenone	8.19	105	330894	23.745	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.19	70	191413	22.988	ng/ul	99
16) 4-Methylphenol	8.16	108	214694	23.090	ng/ul	100
17) Hexachloroethane	8.42	117	81436	20.335	ng/ul	90
20) Nitrobenzene	8.56	77	262795	20.361	ng/ul	98
21) Isophorone	9.09	82	501798	21.014	ng/ul	100
23) 2-Nitrophenol	9.26	139	115358	19.854	ng/ul	95
24) 2,4-Dimethylphenol	9.34	107	253141	20.721	ng/ul	100
25) Bis(2-Chloroethoxy)methane	9.57	93	282864	20.439	ng/ul	98
27) 2,4-Dichlorophenol	9.79	162	197977	20.436	ng/ul	97
28) Naphthalene	10.17	128	645075	19.867	ng/ul	99
30) 4-Chloroaniline	10.30	127	263706	25.403	ng/ul	97
31) Hexachlorobutadiene	10.47	225	130389	20.373	ng/ul	98
32) Caprolactam	11.09	113	69791m	22.909	ng/ul	
33) 4-Chloro-3-methylphenol	11.45	107	236766	21.021	ng/ul	99
34) 2-Methylnaphthalene	11.80	142	471752	20.673	ng/ul	99

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 26 00:37:06 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.03	142	436933	20.597	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.19	216	256936	19.919	ng/ul	100
38) Hexachlorocyclopentadiene	12.16	237	118753	18.425	ng/ul	98
39) 2,4,6-Trichlorophenol	12.45	196	170194	20.398	ng/ul	98
40) 2,4,5-Trichlorophenol	12.52	196	182067	20.223	ng/ul	98
41) 1,1'-Biphenyl	12.85	154	611831	19.530	ng/ul	99
42) 2-Chloronaphthalene	12.88	162	475811	19.738	ng/ul	100
43) 2-Nitroaniline	13.11	65	179963	20.716	ng/ul	97
45) Dimethylphthalate	13.50	163	621854	20.173	ng/ul	100
46) 2,6-Dinitrotoluene	13.62	165	131734	20.556	ng/ul	94
48) Acenaphthylene	13.74	152	752552	19.840	ng/ul	99
49) 3-Nitroaniline	13.95	138	132155	22.969	ng/ul	99
50) Acenaphthene	14.09	153	518769	19.821	ng/ul	99
51) 2,4-Dinitrophenol	14.17	184	60525	18.486	ng/ul	94
53) 4-Nitrophenol	14.29	109	92674	21.564	ng/ul	92
54) Dibenzofuran	14.43	168	739943	20.026	ng/ul	100
55) 2,4-Dinitrotoluene	14.42	165	194537	20.957	ng/ul	90
56) 2,3,4,6-Tetrachlorophenol	14.67	232	165078	21.468	ng/ul	100
57) Diethylphthalate	14.89	149	643612	20.648	ng/ul	98
59) Fluorene	15.09	166	625634	20.514	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.09	204	313926	20.353	ng/ul	97
61) 4-Nitroaniline	15.13	138	143289m	21.937	ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.20	198	102277	19.527	ng/ul	99
65) N-Nitrosodiphenylamine	15.32	169	531501	19.862	ng/ul	99
66) 4-Bromophenyl-phenylether	15.99	248	197193	20.182	ng/ul	99
67) Hexachlorobenzene	16.10	284	222223	20.327	ng/ul	99
68) Atrazine	16.29	200	201555	22.102	ng/ul	99
69) Pentachlorophenol	16.45	266	126422	24.191	ng/ul	99
70) Phenanthrene	16.83	178	990388	20.274	ng/ul	99
72) Anthracene	16.92	178	1019562	20.362	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.81	216	256357	19.443	ng/uL	100
74) Pentachlorobenzene	14.36	250	253988	20.041	ng/uL	98
75) Carbazole	17.20	167	887542	21.331	ng/ul	100
76) Di-n-butylphthalate	17.78	149	1151160	21.139	ng/ul	99
77) Fluoranthene	18.86	202	1191501	22.325	ng/ul	100
80) Pyrene	19.22	202	1240523	20.257	ng/ul	99
81) Butylbenzylphthalate	20.16	149	543551	20.848	ng/ul	98
82) 3,3'-Dichlorobenzidine	20.93	252	373768	19.423	ng/ul	100
83) Benzo(a)anthracene	20.99	228	1204632	20.302	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	20.94	149	845971	21.480	ng/ul	98
85) Chrysene	21.03	228	1156230	20.073	ng/ul	100
87) Di-n-octyl phthalate	21.79	149	1442232	26.601	ng/ul	100
88) Benzo(b)fluoranthene	22.47	252	1104565	21.325	ng/ul	100
89) Benzo(k)fluoranthene	22.52	252	1105445	22.188	ng/ul	99
91) Benzo(a)pyrene	23.00	252	942039	20.645	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.11	276	1017194	17.008	ng/ul	98
93) Dibenzo(a,h)anthracene	25.12	278	867295	17.378	ng/ul	99
94) Benzo(g,h,i)perylene	25.72	276	819492	16.402	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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