Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM061720\
Data File : BM026426.D
Acq On : 17 Jun 2020 15:17
Operator : JU/CG
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02009

Manual Integrations APPROVED
mohammad
6/19/2020 9:27:49 AM

Quant Time: Jun 17 16:29:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 17 16:26:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	94083	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	442631	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.05	164	307987	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.81	188	690787	20.00	ng/ul	0.00
78) Chrysene-d12	21.03	240	740622	20.00	ng/ul	0.00
86) Perylene-d12	23.12	264	750234	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.98	96	19841	7.40	ng/uL	0.00
5) Phenol-d5	6.60	99	171676	19.81	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.75	67	115222	21.01	ng/ul	0.00
9) 2-Chlorophenol-d4	6.93	132	129644	18.35	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	149155	21.86	ng/ul	0.00
19) Nitrobenzene-d5	8.55	128	70781	18.00	ng/ul	0.00
22) 2-Nitrophenol-d4	9.26	143	79792	18.44	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.79	165	147561	18.52	ng/ul	0.00
29) 4-Chloroaniline-d4	10.30	131	193677	23.31	ng/ul	0.00
44) Dimethylphthalate-d6	13.48	166	498932	19.27	ng/ul	0.00
47) Acenaphthylene-d8	13.74	160	568396	18.30	ng/ul	0.00
52) 4-Nitrophenol-d4	14.30	143	82921	19.31	ng/ul	0.00
58) Fluorene-d10	15.06	176	418783	18.85	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.20	200	92667	20.50	ng/ul	0.00
71) Anthracene-d10	16.91	188	652505	18.56	ng/ul	0.00
79) Pyrene-d10	19.22	212	738347	18.18	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.99	264	771088	18.59	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.00	88	21009	7.063	ng/uL	95
4) Benzaldehyde	6.55	77	111081	22.309	ng/ul	97
6) Phenol	6.63	94	189737	19.991	ng/ul	98
8) Bis(2-Chloroethyl)ether	6.84	93	147229	20.727	ng/ul	98
10) 2-Chlorophenol	6.97	128	141173	18.634	ng/ul	97
11) 2-Methylphenol	7.86	108	145029	21.024	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	7.94	45	274561	22.645	ng/ul	98
14) Acetophenone	8.22	105	250506	22.373	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.21	70	150409	22.482	ng/ul	99
16) 4-Methylphenol	8.18	108	163548	21.892	ng/ul	97
17) Hexachloroethane	8.45	117	58794	18.272	ng/ul	96
20) Nitrobenzene	8.59	77	196031	18.322	ng/ul	99
21) Isophorone	9.11	82	400533	20.234	ng/ul	100
23) 2-Nitrophenol	9.29	139	88645	18.404	ng/ul	94
24) 2,4-Dimethylphenol	9.37	107	194062	19.163	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.60	93	224285	19.550	ng/ul	96
27) 2,4-Dichlorophenol	9.82	162	151016	18.805	ng/ul	97
28) Naphthalene	10.20	128	496405	18.443	ng/ul	99
30) 4-Chloroaniline	10.33	127	204197	23.729	ng/ul	98
31) Hexachlorobutadiene	10.50	225	94814	17.871	ng/ul	98
32) Caprolactam	11.10	113	54551m	21.601	ng/ul	
33) 4-Chloro-3-methylphenol	11.47	107	190873	20.443	ng/ul	99
34) 2-Methylnaphthalene	11.83	142	367631	19.434	ng/ul	99

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.06	142	345317	19.636 ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.22	216	195492	17.372 ng/ul	98
38) Hexachlorocyclopentadiene	12.19	237	94391	16.786 ng/ul	97
39) 2,4,6-Trichlorophenol	12.47	196	132302	18.175 ng/ul	99
40) 2,4,5-Trichlorophenol	12.55	196	141190	17.976 ng/ul	96
41) 1,1'-Biphenyl	12.87	154	485691	17.770 ng/ul	99
42) 2-Chloronaphthalene	12.91	162	378389	17.992 ng/ul	98
43) 2-Nitroaniline	13.13	65	143324	18.911 ng/ul	95
45) Dimethylphthalate	13.53	163	514604	19.136 ng/ul	99
46) 2,6-Dinitrotoluene	13.64	165	107715	19.266 ng/ul	94
48) Acenaphthylene	13.77	152	605263	18.291 ng/ul	99
49) 3-Nitroaniline	13.97	138	98975	19.718 ng/ul	100
50) Acenaphthene	14.12	153	418466	18.327 ng/ul	98
51) 2,4-Dinitrophenol	14.19	184	60584	21.210 ng/ul	93
53) 4-Nitrophenol	14.31	109	72566	19.354 ng/ul	98
54) Dibenzofuran	14.46	168	598448	18.565 ng/ul	99
55) 2,4-Dinitrotoluene	14.44	165	157748	19.479 ng/ul	95
56) 2,3,4,6-Tetrachlorophenol	14.70	232	130157	19.402 ng/ul	98
57) Diethylphthalate	14.91	149	525222	19.314 ng/ul	99
59) Fluorene	15.12	166	498490	18.735 ng/ul	98
60) 4-Chlorophenyl-phenylether	15.12	204	254843	18.939 ng/ul	98
61) 4-Nitroaniline	15.14	138	103871m	18.228 ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.22	198	94592	20.363 ng/ul	97
65) N-Nitrosodiphenylamine	15.33	169	438552	18.479 ng/ul	100
66) 4-Bromophenyl-phenylether	16.02	248	158992	18.347 ng/ul	97
67) Hexachlorobenzene	16.12	284	178126	18.372 ng/ul	98
68) Atrazine	16.30	200	165474	20.460 ng/ul	98
69) Pentachlorophenol	16.47	266	95735	20.656 ng/ul	97
70) Phenanthrene	16.85	178	796123	18.375 ng/ul	100
72) Anthracene	16.94	178	819532	18.455 ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.83	216	200282	17.127 ng/uL	98
74) Pentachlorobenzene	14.38	250	202006	17.972 ng/uL	98
75) Carbazole	17.22	167	717510	19.444 ng/ul	100
76) Di-n-butylphthalate	17.80	149	916155	18.969 ng/ul	100
77) Fluoranthene	18.88	202	943989	19.943 ng/ul	99
80) Pyrene	19.24	202	992475	18.227 ng/ul	99
81) Butylbenzylphthalate	20.18	149	427438	18.439 ng/ul	98
82) 3,3'-Dichlorobenzidine	20.95	252	340467	19.899 ng/ul	99
83) Benzo(a)anthracene	21.01	228	970373	18.392 ng/ul	100
84) Bis(2-ethylhexyl)phthalate	20.97	149	648947	18.532 ng/ul	100
85) Chrysene	21.06	228	949648	18.542 ng/ul	99
87) Di-n-octyl phthalate	21.82	149	1105662	20.530 ng/ul	100
88) Benzo(b)fluoranthene	22.50	252	971589	18.884 ng/ul	100
89) Benzo(k)fluoranthene	22.54	252	932051	18.834 ng/ul	99
91) Benzo(a)pyrene	23.03	252	842598	18.591 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.16	276	1000386	16.839 ng/ul	98
93) Dibenzo(a,h)anthracene	25.17	278	840853	16.962 ng/ul	99
94) Benzo(g,h,i)perylene	25.78	276	812584	16.374 ng/ul	97

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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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