Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082319\

Quantitation Report (QT Reviewed)

Data File : BM022307.D
Acq On : 24 Aug 2019 23:12
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02052

Manual Integrations APPROVED
mohammad
8/26/2019 8:30:55 AM

Quant Time: Aug 25 04:26:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Aug 25 02:20:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	28183	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	126143	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.21	164	90121	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	211474	20.00	ng/ul	0.00
77) Chrysene-d12	21.18	240	248410	20.00	ng/ul	0.00
85) Perylene-d12	23.37	264	207771	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	4628	7.35	ng/uL	0.00
5) Phenol-d5	6.75	99	46071	18.94	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.91	67	27067	19.13	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	40266	20.50	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	40419	19.17	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	19877	21.13	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	23105	21.11	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	46643	20.93	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	56271	20.76	ng/ul	0.00
43) Dimethylphthalate-d6	13.63	166	150622	18.98	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	181397	21.22	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	19673	16.73	ng/ul	0.00
57) Fluorene-d10	15.21	176	130166	19.78	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	24736	15.16	ng/ul	0.00
70) Anthracene-d10	17.07	188	222500	19.87	ng/ul	0.00
78) Pyrene-d10	19.38	212	283067	21.93	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.23	264	217480	19.05	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.16	88	5128	7.596	ng/uL	93
4) Benzaldehyde	6.73	77	35377	25.268	ng/ul	97
6) Phenol	6.77	94	48423	18.592	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.00	93	35015	18.466	ng/ul	93
10) 2-Chlorophenol	7.12	128	40585	19.908	ng/ul	97
11) 2-Methylphenol	8.01	108	38571	18.805	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.09	45	47849m	19.364	ng/ul	
14) Acetophenone	8.39	105	66075	18.131	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.37	70	33570	18.198	ng/ul	98
16) 4-Methylphenol	8.34	108	41303	18.315	ng/ul	99
17) Hexachloroethane	8.60	117	19861	19.870	ng/ul	93
20) Nitrobenzene	8.76	77	54581	19.706	ng/ul	99
21) Isophorone	9.28	82	94276	18.676	ng/ul	99
23) 2-Nitrophenol	9.46	139	24466	20.348	ng/ul	93
24) 2,4-Dimethylphenol	9.52	107	54878	19.462	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.76	93	52227	19.163	ng/ul	95
27) 2,4-Dichlorophenol	9.99	162	45154	19.998	ng/ul	100
28) Naphthalene	10.37	128	138236	19.858	ng/ul	99
30) 4-Chloroaniline	10.52	127	55458	19.658	ng/ul	96
31) Hexachlorobutadiene	10.63	225	42841	19.783	ng/ul	96
32) Caprolactam	11.34	113	16122m	23.007	ng/ul	
33) 4-Chloro-3-methylphenol	11.65	107	50107	20.101	ng/ul	99
34) 2-Methylnaphthalene	12.00	142	104263	19.439	ng/ul	97

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Quant Title : SVOA CALIBRATION
QLast Update : Sun Aug 25 02:20:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.37	216	72927	19.567 ng/ul	99
37) Hexachlorocyclopentadiene	12.32	237	29787	17.225 ng/ul	99
38) 2,4,6-Trichlorophenol	12.63	196	41599	19.876 ng/ul	100
39) 2,4,5-Trichlorophenol	12.72	196	46775	20.433 ng/ul	97
40) 1,1'-Biphenyl	13.03	154	139512	19.022 ng/ul	99
41) 2-Chloronaphthalene	13.07	162	111567	19.517 ng/ul	97
42) 2-Nitroaniline	13.32	65	34696	19.862 ng/ul	99
44) Dimethylphthalate	13.68	163	147421	18.255 ng/ul	98
45) 2,6-Dinitrotoluene	13.83	165	29223	18.844 ng/ul	92
47) Acenaphthylene	13.93	152	164326	18.538 ng/ul	100
48) 3-Nitroaniline	14.16	138	27523	20.848 ng/ul	100
49) Acenaphthene	14.27	153	122214	19.419 ng/ul	97
50) 2,4-Dinitrophenol	14.39	184	14211	15.325 ng/ul	98
52) 4-Nitrophenol	14.49	109	48493m	24.820 ng/ul	
53) Dibenzofuran	14.62	168	175887	18.764 ng/ul	97
54) 2,4-Dinitrotoluene	14.63	165	44524	18.574 ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	14.85	232	45189	19.468 ng/ul	94
56) Diethylphthalate	15.05	149	158582	18.310 ng/ul	98
58) Fluorene	15.27	166	147140	18.637 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.26	204	90356	18.694 ng/ul	96
60) 4-Nitroaniline	15.34	138	28762	20.996 ng/ul	93
63) 4,6-Dinitro-2-methylphenol	15.39	198	24809	14.170 ng/ul#	98
64) N-Nitrosodiphenylamine	15.49	169	124505	18.894 ng/ul	99
65) 4-Bromophenyl-phenylether	16.16	248	55652	18.384 ng/ul	98
66) Hexachlorobenzene	16.27	284	62962	18.667 ng/ul	98
67) Atrazine	16.46	200	69471	20.242 ng/ul	99
68) Pentachlorophenol	16.63	266	31233	15.329 ng/ul	95
69) Phenanthrene	17.02	178	242560	19.173 ng/ul	99
71) Anthracene	17.11	178	250692	19.042 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	12.99	216	72938	19.391 ng/uL	99
73) Pentachlorobenzene	14.53	250	79871	19.574 ng/uL	97
74) Carbazole	17.40	167	208239	17.512 ng/ul	99
75) Di-n-butylphthalate	17.94	149	275957	18.167 ng/ul	99
76) Fluoranthene	19.04	202	325528	17.075 ng/ul	100
79) Pyrene	19.41	202	338356	21.044 ng/ul	98
80) Butylbenzylphthalate	20.32	149	141777	20.834 ng/ul	99
81) 3,3'-Dichlorobenzidine	21.11	252	113798	17.610 ng/ul	98
82) Benzo(a)anthracene	21.16	228	354292	18.950 ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.09	149	207367	20.251 ng/ul#	97
84) Chrysene	21.22	228	326666	18.687 ng/ul	100
86) Di-n-octyl phthalate	21.95	149	346800	22.521 ng/ul	100
87) Benzo(b)fluoranthene	22.72	252	289511	20.031 ng/ul	99
88) Benzo(k)fluoranthene	22.76	252	268990	19.192 ng/ul	98
90) Benzo(a)pyrene	23.27	252	254159	18.449 ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.56	276	278453	17.406 ng/ul	98
92) Dibenzo(a,h)anthracene	25.56	278	229339	16.887 ng/ul	98
93) Benzo(g,h,i)perylene	26.23	276	222878	18.263 ng/ul	99

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

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