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

Quantitation Report (QT Reviewed)

Data File : BM022259.D
Acq On : 23 Aug 2019 16:58
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02048

Manual Integrations APPROVED
mohammad
8/26/2019 8:29:40 AM

Quant Time: Aug 23 17:46:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 23 13:10:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	27893	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	127307	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	90125	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	209030	20.00	ng/ul	0.00
77) Chrysene-d12	21.19	240	263782	20.00	ng/ul	0.00
85) Perylene-d12	23.38	264	247470	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	5117	8.21	ng/uL	0.00
5) Phenol-d5	6.75	99	46874	19.47	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	28907	20.64	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	40411	20.79	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	41779	20.02	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	20028	21.10	ng/ul	0.00
22) 2-Nitrophenol-d4	9.44	143	23696	21.45	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	47245	21.01	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	58641	21.44	ng/ul	0.00
43) Dimethylphthalate-d6	13.64	166	156378	19.70	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	181619	21.24	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	20637	17.55	ng/ul	0.00
57) Fluorene-d10	15.22	176	130728	19.86	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	27777	17.22	ng/ul	0.00
70) Anthracene-d10	17.07	188	217339	19.64	ng/ul	0.00
78) Pyrene-d10	19.39	212	281961	20.57	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.24	264	260203	19.14	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.17	88	5308	7.944	ng/uL#	89
4) Benzaldehyde	6.73	77	35823	25.852	ng/ul	99
6) Phenol	6.78	94	48804	18.933	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.01	93	36619	19.513	ng/ul	96
10) 2-Chlorophenol	7.13	128	40047	19.849	ng/ul	97
11) 2-Methylphenol	8.01	108	38495	18.964	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.09	45	48793	19.952	ng/ul	98
14) Acetophenone	8.39	105	67171	18.623	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.37	70	34770	19.044	ng/ul	99
16) 4-Methylphenol	8.34	108	42367	18.983	ng/ul	99
17) Hexachloroethane	8.60	117	19655	19.869	ng/ul	94
20) Nitrobenzene	8.77	77	56655	20.268	ng/ul	98
21) Isophorone	9.29	82	98491	19.332	ng/ul	99
23) 2-Nitrophenol	9.47	139	25069	20.659	ng/ul	98
24) 2,4-Dimethylphenol	9.53	107	56705	19.926	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.77	93	55853	20.306	ng/ul	97
27) 2,4-Dichlorophenol	10.00	162	46528	20.418	ng/ul	98
28) Naphthalene	10.38	128	137108	19.515	ng/ul	99
30) 4-Chloroaniline	10.52	127	56166	19.727	ng/ul	94
31) Hexachlorobutadiene	10.63	225	42587	19.485	ng/ul	98
32) Caprolactam	11.35	113	16653m	23.548	ng/ul	
33) 4-Chloro-3-methylphenol	11.66	107	50264	19.980	ng/ul	97
34) 2-Methylnaphthalene	12.00	142	105045	19.406	ng/ul	93

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.37	216	72648	19.491 ng/ul	99
37) Hexachlorocyclopentadiene	12.33	237	24477	14.154 ng/ul#	95
38) 2,4,6-Trichlorophenol	12.64	196	41618	19.884 ng/ul	92
39) 2,4,5-Trichlorophenol	12.72	196	43473	18.989 ng/ul	97
40) 1,1'-Biphenyl	13.04	154	138194	18.842 ng/ul	98
41) 2-Chloronaphthalene	13.08	162	109943	19.232 ng/ul	99
42) 2-Nitroaniline	13.32	65	36723	21.021 ng/ul	98
44) Dimethylphthalate	13.69	163	155039	19.198 ng/ul	99
45) 2,6-Dinitrotoluene	13.83	165	30273	19.521 ng/ul	96
47) Acenaphthylene	13.93	152	169051	19.070 ng/ul	99
48) 3-Nitroaniline	14.16	138	28666	21.713 ng/ul#	87
49) Acenaphthene	14.28	153	123515	19.625 ng/ul	99
50) 2,4-Dinitrophenol	14.40	184	14392	15.519 ng/ul	94
52) 4-Nitrophenol	14.49	109	34124m	17.465 ng/ul	
53) Dibenzofuran	14.62	168	177216	18.905 ng/ul	99
54) 2,4-Dinitrotoluene	14.63	165	46637	19.455 ng/ul	87
55) 2,3,4,6-Tetrachlorophenol	14.86	232	45240	19.489 ng/ul	96
56) Diethylphthalate	15.06	149	161526	18.649 ng/ul	98
58) Fluorene	15.27	166	147228	18.648 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.27	204	88692	18.348 ng/ul	95
60) 4-Nitroaniline	15.34	138	29836	21.779 ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.40	198	28078	16.225 ng/ul#	97
64) N-Nitrosodiphenylamine	15.50	169	124292	19.082 ng/ul	96
65) 4-Bromophenyl-phenylether	16.17	248	57096	19.082 ng/ul	93
66) Hexachlorobenzene	16.27	284	63160	18.944 ng/ul	94
67) Atrazine	16.46	200	71267	21.008 ng/ul	99
68) Pentachlorophenol	16.63	266	32768	16.270 ng/ul	94
69) Phenanthrene	17.02	178	237842	19.020 ng/ul	99
71) Anthracene	17.11	178	247390	19.011 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	12.99	216	70992	19.094 ng/uL	99
73) Pentachlorobenzene	14.53	250	79000	19.587 ng/uL	99
74) Carbazole	17.40	167	207115	17.621 ng/ul	99
75) Di-n-butylphthalate	17.95	149	285665	19.026 ng/ul	99
76) Fluoranthene	19.04	202	326687	17.336 ng/ul	100
79) Pyrene	19.42	202	334075	19.567 ng/ul	99
80) Butylbenzylphthalate	20.32	149	143521	19.862 ng/ul	98
81) 3,3'-Dichlorobenzidine	21.12	252	124768	18.182 ng/ul	99
82) Benzo(a)anthracene	21.17	228	377897	19.034 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.09	149	211186	19.422 ng/ul	99
84) Chrysene	21.23	228	347079	18.697 ng/ul	99
86) Di-n-octyl phthalate	21.96	149	360752	19.669 ng/ul	100
87) Benzo(b)fluoranthene	22.72	252	335811	19.507 ng/ul	99
88) Benzo(k)fluoranthene	22.77	252	331241	19.842 ng/ul	98
90) Benzo(a)pyrene	23.29	252	305711	18.631 ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.57	276	294734	15.468 ng/ul	99
92) Dibenzo(a,h)anthracene	25.57	278	250016	15.456 ng/ul	98
93) Benzo(g,h,i)perylene	26.24	276	224648	15.455 ng/ul	97

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

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