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

Quantitation Report (QT Reviewed)

Data File : BM022285.D
Acq On : 24 Aug 2019 09:41
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02050

Manual Integrations APPROVED
JAGRUT
8/27/2019 7:50:15 AM

Quant Time: Aug 26 11:38:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 26 01:32:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	27610	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	127401	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.21	164	89371	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	203808	20.00	ng/ul	0.00
77) Chrysene-d12	21.19	240	245358	20.00	ng/ul	0.00
85) Perylene-d12	23.37	264	204987	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	4937	8.00	ng/uL	0.00
5) Phenol-d5	6.75	99	46908	19.68	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.91	67	27724	20.00	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	40309	20.95	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	41748	20.22	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	20117	21.18	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	22771	20.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	46666	20.73	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	57677	21.07	ng/ul	0.00
43) Dimethylphthalate-d6	13.63	166	150732	19.15	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	178622	21.07	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	20575	17.65	ng/ul	0.00
57) Fluorene-d10	15.21	176	127510	19.54	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	26014	16.54	ng/ul	0.00
70) Anthracene-d10	17.07	188	215119	19.93	ng/ul	0.00
78) Pyrene-d10	19.38	212	272309	21.35	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.23	264	214890	19.08	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.16	88	5098	7.708	ng/uL	92
4) Benzaldehyde	6.73	77	34768	25.348	ng/ul	93
6) Phenol	6.77	94	48610	19.051	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.00	93	35768	19.255	ng/ul	96
10) 2-Chlorophenol	7.12	128	40135	20.096	ng/ul	99
11) 2-Methylphenol	8.00	108	37757	18.791	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.08	45	47961	19.812	ng/ul	97
14) Acetophenone	8.39	105	66250	18.556	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.37	70	33123	18.328	ng/ul	98
16) 4-Methylphenol	8.34	108	41657	18.856	ng/ul	96
17) Hexachloroethane	8.60	117	19332	19.743	ng/ul	98
20) Nitrobenzene	8.76	77	55888	19.979	ng/ul	98
21) Isophorone	9.28	82	95797	18.790	ng/ul	97
23) 2-Nitrophenol	9.47	139	24002	19.765	ng/ul	99
24) 2,4-Dimethylphenol	9.52	107	56451	19.822	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.76	93	53037	19.268	ng/ul	98
27) 2,4-Dichlorophenol	9.99	162	45701	20.041	ng/ul	98
28) Naphthalene	10.37	128	137386	19.541	ng/ul	98
30) 4-Chloroaniline	10.52	127	55158	19.359	ng/ul	100
31) Hexachlorobutadiene	10.63	225	42308	19.344	ng/ul	98
32) Caprolactam	11.34	113	16187m	22.872	ng/ul	
33) 4-Chloro-3-methylphenol	11.65	107	50168	19.927	ng/ul	97
34) 2-Methylnaphthalene	12.00	142	103534	19.113	ng/ul	94

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.37	216	72083	19.503 ng/ul	99
37) Hexachlorocyclopentadiene	12.33	237	35784	20.866 ng/ul	98
38) 2,4,6-Trichlorophenol	12.63	196	41958	20.215 ng/ul	97
39) 2,4,5-Trichlorophenol	12.72	196	45165	19.895 ng/ul	97
40) 1,1'-Biphenyl	13.03	154	137581	18.916 ng/ul	98
41) 2-Chloronaphthalene	13.07	162	109717	19.354 ng/ul	98
42) 2-Nitroaniline	13.32	65	34676	20.017 ng/ul	98
44) Dimethylphthalate	13.69	163	147665	18.439 ng/ul	99
45) 2,6-Dinitrotoluene	13.82	165	29187	18.979 ng/ul	97
47) Acenaphthylene	13.93	152	164016	18.658 ng/ul	99
48) 3-Nitroaniline	14.16	138	27568	21.057 ng/ul	93
49) Acenaphthene	14.27	153	121538	19.474 ng/ul	99
50) 2,4-Dinitrophenol	14.39	184	15845	17.230 ng/ul	96
52) 4-Nitrophenol	14.48	109	47185m	24.353 ng/ul	
53) Dibenzofuran	14.62	168	172748	18.584 ng/ul	100
54) 2,4-Dinitrotoluene	14.63	165	45226	19.026 ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	14.85	232	43402	18.855 ng/ul	96
56) Diethylphthalate	15.06	149	157994	18.395 ng/ul	97
58) Fluorene	15.27	166	144339	18.436 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.27	204	88014	18.362 ng/ul	98
60) 4-Nitroaniline	15.34	138	26656	19.622 ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.39	198	25958	15.384 ng/ul	95
64) N-Nitrosodiphenylamine	15.49	169	121454	19.124 ng/ul	99
65) 4-Bromophenyl-phenylether	16.16	248	57426	19.684 ng/ul	99
66) Hexachlorobenzene	16.27	284	63227	19.450 ng/ul	98
67) Atrazine	16.46	200	69233	20.931 ng/ul	99
68) Pentachlorophenol	16.63	266	30675	15.621 ng/ul	96
69) Phenanthrene	17.02	178	234375	19.223 ng/ul	98
71) Anthracene	17.11	178	242262	19.094 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	12.99	216	71271	19.660 ng/uL	97
73) Pentachlorobenzene	14.53	250	78468	19.953 ng/uL	99
74) Carbazole	17.40	167	205376	17.921 ng/ul	100
75) Di-n-butylphthalate	17.94	149	273318	18.670 ng/ul	98
76) Fluoranthene	19.04	202	316178	17.208 ng/ul	100
79) Pyrene	19.41	202	325949	20.524 ng/ul	98
80) Butylbenzylphthalate	20.32	149	136915	20.370 ng/ul	99
81) 3,3'-Dichlorobenzidine	21.11	252	112097	17.562 ng/ul	99
82) Benzo(a)anthracene	21.17	228	347260	18.805 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.09	149	198301	19.606 ng/ul#	98
84) Chrysene	21.22	228	321282	18.607 ng/ul	100
86) Di-n-octyl phthalate	21.96	149	333432	21.947 ng/ul	100
87) Benzo(b)fluoranthene	22.72	252	275781	19.340 ng/ul	99
88) Benzo(k)fluoranthene	22.76	252	280185	20.262 ng/ul	99
90) Benzo(a)pyrene	23.28	252	254390	18.716 ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.56	276	264930	16.786 ng/ul	99
92) Dibenzo(a,h)anthracene	25.57	278	220810	16.479 ng/ul	98
93) Benzo(g,h,i)perylene	26.24	276	207379	17.224 ng/ul	99

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

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