Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022248.D
Acq On : 23 Aug 2019 10:14
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02047

Manual Integrations APPROVED
mohammad
8/26/2019 8:29:18 AM

Quant Time: Aug 23 15:31:55 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	26764	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	116658	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	84335	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	197872	20.00	ng/ul	0.00
77) Chrysene-d12	21.19	240	254255	20.00	ng/ul	0.00
85) Perylene-d12	23.39	264	271283	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	4561	7.63	ng/uL	0.00
5) Phenol-d5	6.75	99	43425	18.80	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	26495	19.72	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	36985	19.83	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	38370	19.17	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	18566	21.34	ng/ul	0.00
22) 2-Nitrophenol-d4	9.44	143	21305	21.04	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	43069	20.90	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	52117	20.79	ng/ul	0.00
43) Dimethylphthalate-d6	13.64	166	150865	20.31	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	170574	21.32	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	20476	18.61	ng/ul	0.00
57) Fluorene-d10	15.22	176	122239	19.85	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	26420	17.30	ng/ul	0.00
70) Anthracene-d10	17.07	188	206352	19.69	ng/ul	0.00
78) Pyrene-d10	19.39	212	266293	20.15	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.24	264	284740	19.11	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.17	88	4904	7.649	ng/uL#	89
4) Benzaldehyde	6.73	77	32490	24.436	ng/ul	99
6) Phenol	6.77	94	44053	17.811	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.01	93	33833	18.789	ng/ul	91
10) 2-Chlorophenol	7.13	128	37649	19.447	ng/ul	97
11) 2-Methylphenol	8.01	108	35473	18.212	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.08	45	46276m	19.721	ng/ul	
14) Acetophenone	8.39	105	62268	17.992	ng/ul	93
15) N-Nitroso-di-n-propylamine	8.37	70	32731	18.684	ng/ul	99
16) 4-Methylphenol	8.34	108	38681	18.062	ng/ul	100
17) Hexachloroethane	8.60	117	18545	19.537	ng/ul	93
20) Nitrobenzene	8.77	77	52111	20.344	ng/ul	99
21) Isophorone	9.29	82	91898	19.685	ng/ul	99
23) 2-Nitrophenol	9.47	139	23151	20.820	ng/ul	92
24) 2,4-Dimethylphenol	9.53	107	51736	19.839	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.77	93	51064	20.260	ng/ul	98
27) 2,4-Dichlorophenol	10.00	162	42616	20.409	ng/ul	92
28) Naphthalene	10.38	128	126559	19.658	ng/ul	99
30) 4-Chloroaniline	10.52	127	52645	20.178	ng/ul	97
31) Hexachlorobutadiene	10.63	225	39782	19.864	ng/ul	97
32) Caprolactam	11.34	113	15178m	23.421	ng/ul	
33) 4-Chloro-3-methylphenol	11.65	107	47049	20.409	ng/ul	98
34) 2-Methylnaphthalene	12.00	142	97148	19.585	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.38	216	66465	19.056 ng/ul	99
37) Hexachlorocyclopentadiene	12.33	237	25735	15.903 ng/ul	95
38) 2,4,6-Trichlorophenol	12.64	196	38592	19.704 ng/ul	92
39) 2,4,5-Trichlorophenol	12.72	196	38639	18.037 ng/ul	97
40) 1,1'-Biphenyl	13.04	154	130857	19.066 ng/ul	99
41) 2-Chloronaphthalene	13.08	162	104441	19.524 ng/ul	99
42) 2-Nitroaniline	13.32	65	33394	20.428 ng/ul	97
44) Dimethylphthalate	13.69	163	145385	19.238 ng/ul	98
45) 2,6-Dinitrotoluene	13.83	165	28262	19.475 ng/ul	98
47) Acenaphthylene	13.93	152	154878	18.671 ng/ul	99
48) 3-Nitroaniline	14.16	138	25954	21.008 ng/ul	83
49) Acenaphthene	14.28	153	115058	19.537 ng/ul	98
50) 2,4-Dinitrophenol	14.40	184	13983	16.113 ng/ul	98
52) 4-Nitrophenol	14.48	109	34125m	18.664 ng/ul	
53) Dibenzofuran	14.62	168	166400	18.970 ng/ul	99
54) 2,4-Dinitrotoluene	14.63	165	43945	19.591 ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	14.86	232	42142	19.401 ng/ul	96
56) Diethylphthalate	15.06	149	156567	19.317 ng/ul	98
58) Fluorene	15.27	166	139472	18.878 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.27	204	84177	18.610 ng/ul	96
60) 4-Nitroaniline	15.34	138	25371	19.791 ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.40	198	27550	16.817 ng/ul	99
64) N-Nitrosodiphenylamine	15.49	169	119295	19.348 ng/ul	97
65) 4-Bromophenyl-phenylether	16.17	248	54268	19.160 ng/ul	98
66) Hexachlorobenzene	16.27	284	59817	18.953 ng/ul	96
67) Atrazine	16.46	200	68758	21.411 ng/ul	97
68) Pentachlorophenol	16.63	266	31351	16.444 ng/ul	96
69) Phenanthrene	17.02	178	224307	18.949 ng/ul	99
71) Anthracene	17.12	178	232214	18.851 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.00	216	66852	18.994 ng/uL	97
73) Pentachlorobenzene	14.53	250	73553	19.265 ng/uL	100
74) Carbazole	17.40	167	195813	17.599 ng/ul	98
75) Di-n-butylphthalate	17.95	149	268161	18.867 ng/ul	99
76) Fluoranthene	19.05	202	311280	17.450 ng/ul	99
79) Pyrene	19.42	202	317426	19.288 ng/ul	97
80) Butylbenzylphthalate	20.33	149	134205	19.268 ng/ul	97
81) 3,3'-Dichlorobenzidine	21.12	252	129041	19.509 ng/ul	99
82) Benzo(a)anthracene	21.17	228	364243	19.034 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.09	149	197474	18.841 ng/ul#	99
84) Chrysene	21.23	228	338011	18.891 ng/ul	100
86) Di-n-octyl phthalate	21.96	149	341379	16.979 ng/ul	100
87) Benzo(b)fluoranthene	22.73	252	349628	18.527 ng/ul	99
88) Benzo(k)fluoranthene	22.77	252	348998	19.071 ng/ul	99
90) Benzo(a)pyrene	23.29	252	336341	18.699 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.57	276	385047	18.434 ng/ul	99
92) Dibenzo(a,h)anthracene	25.58	278	321638	18.138 ng/ul	99
93) Benzo(g,h,i)perylene	26.24	276	299415	18.790 ng/ul	98

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

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