Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122319\
Data File : BM024280.D
Acq On : 25 Dec 2019 09:43
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02020

Manual Integrations APPROVED
mohammad
12/26/2019 4:00:45 PM

Quant Time: Dec 25 10:15:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 25 06:26:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	266846	20.00	ng/ul	0.00
18) Naphthalene-d8	10.19	136	1096058	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.09	164	620336	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.85	188	1212925	20.00	ng/ul	0.00
78) Chrysene-d12	21.07	240	1109947	20.00	ng/ul	0.00
86) Perylene-d12	23.19	264	1306779	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.99	96	48967	8.11	ng/uL	0.00
5) Phenol-d5	6.63	99	439729	17.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.78	67	284582	18.78	ng/ul	0.00
9) 2-Chlorophenol-d4	6.96	132	345483	19.17	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	342889	16.60	ng/ul	0.00
19) Nitrobenzene-d5	8.58	128	161051	20.45	ng/ul	0.00
22) 2-Nitrophenol-d4	9.29	143	176152	20.34	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.83	165	325517	19.34	ng/ul	0.00
29) 4-Chloroaniline-d4	10.35	131	379855	18.58	ng/ul	0.00
44) Dimethylphthalate-d6	13.52	166	888759	19.37	ng/ul	0.00
47) Acenaphthylene-d8	13.77	160	1114832	20.28	ng/ul	0.00
52) 4-Nitrophenol-d4	14.35	143	120637	14.65	ng/ul	0.00
58) Fluorene-d10	15.09	176	747402	18.59	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.25	200	95176	12.86	ng/ul	0.00
71) Anthracene-d10	16.94	188	1083520	19.63	ng/ul	0.00
79) Pyrene-d10	19.26	212	1087174	20.56	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.06	264	1269460	19.56	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.02	88	48966	7.318	ng/uL	94
4) Benzaldehyde	6.59	77	310492	19.009	ng/ul	98
6) Phenol	6.65	94	452953	17.361	ng/ul	99
8) Bis(2-Chloroethyl)ether	6.87	93	374091	18.504	ng/ul	97
10) 2-Chlorophenol	7.00	128	347135	18.782	ng/ul	99
11) 2-Methylphenol	7.89	108	330912	17.058	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	7.96	45	455315	19.555	ng/ul	99
14) Acetophenone	8.25	105	529382	16.996	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.24	70	302545	17.583	ng/ul	98
16) 4-Methylphenol	8.22	108	355740	16.518	ng/ul	98
17) Hexachloroethane	8.48	117	156561	20.523	ng/ul	96
20) Nitrobenzene	8.62	77	441062	20.147	ng/ul	97
21) Isophorone	9.15	82	797515	19.490	ng/ul	99
23) 2-Nitrophenol	9.33	139	191946	20.134	ng/ul	98
24) 2,4-Dimethylphenol	9.40	107	400468	19.473	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.63	93	489496	19.256	ng/ul	98
27) 2,4-Dichlorophenol	9.86	162	314370	19.080	ng/ul	98
28) Naphthalene	10.24	128	1127268	19.627	ng/ul	99
30) 4-Chloroaniline	10.37	127	385323	18.672	ng/ul	98
31) Hexachlorobutadiene	10.53	225	201528	19.785	ng/ul	97
32) Caprolactam	11.16	113	96564m	15.510	ng/ul	
33) 4-Chloro-3-methylphenol	11.52	107	349277	17.666	ng/ul	98
34) 2-Methylnaphthalene	11.87	142	755404	18.400	ng/ul	99

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35) 1-Methylnaphthalene	12.09	142	758471	18.100	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.25	216	357087	21.294	ng/ul	99
38) Hexachlorocyclopentadiene	12.23	237	118618	15.699	ng/ul	97
39) 2,4,6-Trichlorophenol	12.51	196	225996	20.378	ng/ul	98
40) 2,4,5-Trichlorophenol	12.59	196	238450	19.944	ng/ul	96
41) 1,1'-Biphenyl	12.91	154	948717	20.489	ng/ul	99
42) 2-Chloronaphthalene	12.95	162	751521	20.657	ng/ul	99
43) 2-Nitroaniline	13.17	65	221034	20.722	ng/ul	95
45) Dimethylphthalate	13.56	163	918525	19.267	ng/ul	100
46) 2,6-Dinitrotoluene	13.69	165	183551	19.545	ng/ul	99
48) Acenaphthylene	13.80	152	1174016	20.118	ng/ul	100
49) 3-Nitroaniline	14.02	138	162592	18.242	ng/ul	96
50) Acenaphthene	14.16	153	795885	19.836	ng/ul	99
51) 2,4-Dinitrophenol	14.25	184	61963	11.741	ng/ul	97
53) 4-Nitrophenol	14.36	109	96891	14.753	ng/ul	99
54) Dibenzofuran	14.50	168	1064479	19.083	ng/ul	100
55) 2,4-Dinitrotoluene	14.49	165	259610	18.305	ng/ul	86
56) 2,3,4,6-Tetrachlorophenol	14.74	232	192419	17.803	ng/ul	98
57) Diethylphthalate	14.95	149	930946	19.207	ng/ul	99
59) Fluorene	15.15	166	887842	18.848	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.15	204	424508	18.532	ng/ul	96
61) 4-Nitroaniline	15.19	138	162401	16.502	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.26	198	102509	12.971	ng/ul	92
65) N-Nitrosodiphenylamine	15.37	169	729824	20.694	ng/ul	99
66) 4-Bromophenyl-phenylether	16.05	248	264445	20.511	ng/ul	98
67) Hexachlorobenzene	16.16	284	317357	20.103	ng/ul	99
68) Atrazine	16.34	200	251637	19.195	ng/ul	100
69) Pentachlorophenol	16.52	266	132107	15.969	ng/ul	97
70) Phenanthrene	16.89	178	1318504	19.417	ng/ul	99
72) Anthracene	16.98	178	1354977	19.848	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.87	216	354508	23.288	ng/uL	96
74) Pentachlorobenzene	14.42	250	360549	21.506	ng/uL	96
75) Carbazole	17.26	167	1137779	19.401	ng/ul	99
76) Di-n-butylphthalate	17.84	149	1558832	22.164	ng/ul	100
77) Fluoranthene	18.92	202	1457042	19.687	ng/ul	99
80) Pyrene	19.29	202	1510600	20.847	ng/ul	99
81) Butylbenzylphthalate	20.22	149	673996	23.610	ng/ul	97
82) 3,3'-Dichlorobenzidine	20.99	252	515367	20.916	ng/ul	100
83) Benzo(a)anthracene	21.05	228	1389820	19.653	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.00	149	1040868	24.467	ng/ul	100
85) Chrysene	21.10	228	1368596	19.744	ng/ul	100
87) Di-n-octyl phthalate	21.86	149	1738688	24.625	ng/ul	100
88) Benzo(b)fluoranthene	22.57	252	1478146	18.904	ng/ul	99
89) Benzo(k)fluoranthene	22.61	252	1529442	19.936	ng/ul	98
91) Benzo(a)pyrene	23.10	252	1386907	19.607	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.30	276	1810229	21.313	ng/ul	99
93) Dibenzo(a,h)anthracene	25.30	278	1518246	21.321	ng/ul	99
94) Benzo(g,h,i)perylene	25.94	276	1514357	21.837	ng/ul	99

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

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