Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM010819\
Data File : BM018457.D
Acq On : 08 Jan 2019 10:01
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02011

Manual Integrations APPROVED
Sohil
1/10/2019 8:24:13 AM

Quant Time: Jan 09 00:08:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM010719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 07 23:55:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	334481	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	1407225	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.41	164	804253	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	1812262	20.00	ng/ul	0.00
77) Chrysene-d12	21.35	240	2009138	20.00	ng/ul	0.00
85) Perylene-d12	23.63	264	2033005	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	57360	8.00	ng/uL	0.00
5) Phenol-d5	6.93	99	509639	19.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	297176	20.02	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	462954	20.04	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	422040	19.73	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	218109	20.25	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	220981	20.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.18	165	445677	20.08	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	379709	22.12	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	1385612	20.08	ng/ul	0.00
46) Acenaphthylene-d8	14.10	160	1694365	19.79	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	230413	19.34	ng/ul	0.00
57) Fluorene-d10	15.40	176	1183503	19.98	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.52	200	190908	19.24	ng/ul	0.00
70) Anthracene-d10	17.26	188	1800765	20.43	ng/ul	0.00
78) Pyrene-d10	19.56	212	2023810	19.81	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.49	264	2256376	20.41	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	57221	7.724	ng/uL	98
4) Benzaldehyde	6.92	77	93628	20.218	ng/ul	96
6) Phenol	6.96	94	510147	19.862	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.19	93	397678	20.041	ng/ul	96
10) 2-Chlorophenol	7.33	128	457211	19.965	ng/ul	98
11) 2-Methylphenol	8.21	108	392342	19.422	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.29	45	503959	19.927	ng/ul	97
14) Acetophenone	8.59	105	670494	20.375	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.57	70	311657	19.801	ng/ul	96
16) 4-Methylphenol	8.53	108	426435	20.108	ng/ul	96
17) Hexachloroethane	8.83	117	189874	20.053	ng/ul	98
20) Nitrobenzene	8.97	77	472206	20.088	ng/ul	98
21) Isophorone	9.49	82	857352	19.609	ng/ul	99
23) 2-Nitrophenol	9.67	139	243484	20.482	ng/ul	94
24) 2,4-Dimethylphenol	9.73	107	496936	20.210	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.97	93	529159	19.529	ng/ul	97
27) 2,4-Dichlorophenol	10.21	162	430640	20.161	ng/ul	99
28) Naphthalene	10.60	128	1445687	20.106	ng/ul	100
30) 4-Chloroaniline	10.73	127	368438	21.791	ng/ul	97
31) Hexachlorobutadiene	10.87	225	302079	20.752	ng/ul	99
32) Caprolactam	11.53	113	123013m	18.844	ng/ul	
33) 4-Chloro-3-methylphenol	11.85	107	438336	20.294	ng/ul	99
34) 2-Methylnaphthalene	12.22	142	1062410	20.166	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.59	216	555664	20.338	ng/ul	97
37) Hexachlorocyclopentadiene	12.56	237	336436	20.454	ng/ul	99
38) 2,4,6-Trichlorophenol	12.83	196	338810	20.222	ng/ul	98
39) 2,4,5-Trichlorophenol	12.92	196	362631	19.951	ng/ul	99
40) 1,1'-Biphenyl	13.24	154	1357606	20.242	ng/ul	99
41) 2-Chloronaphthalene	13.28	162	1066568	20.066	ng/ul	98
42) 2-Nitroaniline	13.50	65	254844	20.144	ng/ul	97
44) Dimethylphthalate	13.87	163	1338610	19.921	ng/ul	100
45) 2,6-Dinitrotoluene	13.99	165	258136	20.599	ng/ul	97
47) Acenaphthylene	14.13	152	1580184	20.017	ng/ul	99
48) 3-Nitroaniline	14.33	138	224538	20.006	ng/ul	100
49) Acenaphthene	14.47	153	1127628	19.966	ng/ul	99
50) 2,4-Dinitrophenol	14.53	184	107989	17.921	ng/ul	99
52) 4-Nitrophenol	14.65	109	195385	19.789	ng/ul	94
53) Dibenzofuran	14.81	168	1589156	20.070	ng/ul	100
54) 2,4-Dinitrotoluene	14.78	165	384231	20.858	ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	15.03	232	305139	19.912	ng/ul	98
56) Diethylphthalate	15.23	149	1343888	19.866	ng/ul	99
58) Fluorene	15.46	166	1281847	19.970	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.46	204	657000	20.001	ng/ul	99
60) 4-Nitroaniline	15.49	138	255904	19.185	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.54	198	203166	19.323	ng/ul	93
64) N-Nitrosodiphenylamine	15.67	169	1114907	20.387	ng/ul	97
65) 4-Bromophenyl-phenylether	16.35	248	398119	20.447	ng/ul	98
66) Hexachlorobenzene	16.45	284	437843	20.376	ng/ul	99
67) Atrazine	16.63	200	384867	19.948	ng/ul	96
68) Pentachlorophenol	16.80	266	232409	19.058	ng/ul	98
69) Phenanthrene	17.20	178	2065182	20.263	ng/ul	99
71) Anthracene	17.29	178	2100537	20.396	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.20	216	536169	20.411	ng/uL	99
73) Pentachlorobenzene	14.72	250	515614	20.504	ng/uL	97
74) Carbazole	17.57	167	1858411	20.524	ng/ul	99
75) Di-n-butylphthalate	18.13	149	2125303	19.416	ng/ul	99
76) Fluoranthene	19.22	202	2442559	21.448	ng/ul	98
79) Pyrene	19.59	202	2522393	19.838	ng/ul	99
80) Butylbenzylphthalate	20.49	149	991151	18.846	ng/ul	100
81) 3,3'-Dichlorobenzidine	21.27	252	845120	20.247	ng/ul	99
82) Benzo(a)anthracene	21.33	228	2567275	20.002	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.26	149	1423467	18.194	ng/ul#	99
84) Chrysene	21.39	228	2421821	20.205	ng/ul	99
86) Di-n-octyl phthalate	22.15	149	2501995	19.562	ng/ul	100
87) Benzo(b)fluoranthene	22.94	252	2569494	20.361	ng/ul	100
88) Benzo(k)fluoranthene	22.99	252	2493027	20.518	ng/ul	100
90) Benzo(a)pyrene	23.53	252	2496704	20.669	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.95	276	2941767	20.666	ng/ul	99
92) Dibenzo(a,h)anthracene	25.96	278	2458340	20.738	ng/ul	98
93) Benzo(g,h,i)perylene	26.66	276	2429237	20.493	ng/ul	99

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

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