Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120718\
Data File : BM017988.D
Acq On : 07 Dec 2018 06:25
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02081

Manual Integrations APPROVED
mohammad
12/7/2018 12:22:30 PM

Quant Time: Dec 07 08:03:30 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 07 06:52:15 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	229937	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	908208	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.21	164	470796	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	1004155	20.00	ng/ul	0.00
77) Chrysene-d12	21.18	240	1139232	20.00	ng/ul	0.00
85) Perylene-d12	23.36	264	1208560	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.16	96	41765	8.31	ng/uL	0.00
5) Phenol-d5	6.75	99	365827	17.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.91	67	220509	17.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	323843	19.71	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	287944	16.78	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	144265	20.68	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	161229	20.17	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	295146	19.40	ng/ul	0.00
29) 4-Chloroaniline-d4	10.48	131	255262	19.55	ng/ul	0.00
43) Dimethylphthalate-d6	13.63	166	765462	18.74	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	992003	20.07	ng/ul	0.00
51) 4-Nitrophenol-d4	14.44	143	119875	16.14	ng/ul	0.00
57) Fluorene-d10	15.21	176	667120	18.91	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.35	200	130000	18.11	ng/ul	0.00
70) Anthracene-d10	17.06	188	994846	19.90	ng/ul	0.00
78) Pyrene-d10	19.37	212	1086549	19.71	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.21	264	1309898	19.98	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.20	88	41943	7.825	ng/uL	95
4) Benzaldehyde	6.73	77	67037	17.120	ng/ul	94
6) Phenol	6.77	94	369710	17.638	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.00	93	290193	18.121	ng/ul	96
10) 2-Chlorophenol	7.13	128	319147	19.440	ng/ul	97
11) 2-Methylphenol	8.00	108	275588	17.232	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.08	45	314893	16.666	ng/ul	99
14) Acetophenone	8.38	105	437029	16.341	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.37	70	216213	15.500	ng/ul	95
16) 4-Methylphenol	8.33	108	292893	16.948	ng/ul	100
17) Hexachloroethane	8.61	117	131709	19.788	ng/ul	96
20) Nitrobenzene	8.76	77	327824	18.723	ng/ul	91
21) Isophorone	9.27	82	576034	17.685	ng/ul	98
23) 2-Nitrophenol	9.46	139	167750	20.166	ng/ul	96
24) 2,4-Dimethylphenol	9.52	107	327988	18.875	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.76	93	362681	18.196	ng/ul	99
27) 2,4-Dichlorophenol	9.99	162	280815	19.545	ng/ul	99
28) Naphthalene	10.37	128	947945	20.033	ng/ul	99
30) 4-Chloroaniline	10.50	127	252978	18.989	ng/ul	98
31) Hexachlorobutadiene	10.65	225	195533	20.492	ng/ul	98
32) Caprolactam	11.29	113	78050m	16.420	ng/ul	
33) 4-Chloro-3-methylphenol	11.63	107	281146	17.230	ng/ul	98
34) 2-Methylnaphthalene	12.00	142	653417	18.498	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	338188	21.528	ng/ul	98
37) Hexachlorocyclopentadiene	12.34	237	178291	17.599	ng/ul	99
38) 2,4,6-Trichlorophenol	12.63	196	210376	20.606	ng/ul	98
39) 2,4,5-Trichlorophenol	12.70	196	220443	20.189	ng/ul	99
40) 1,1'-Biphenyl	13.03	154	801024	20.669	ng/ul	99
41) 2-Chloronaphthalene	13.07	162	633790	20.906	ng/ul	99
42) 2-Nitroaniline	13.30	65	161597	18.305	ng/ul	96
44) Dimethylphthalate	13.67	163	730319	18.453	ng/ul	98
45) 2,6-Dinitrotoluene	13.80	165	154065	19.811	ng/ul	95
47) Acenaphthylene	13.93	152	933378	20.215	ng/ul	100
48) 3-Nitroaniline	14.14	138	144479	19.475	ng/ul	92
49) Acenaphthene	14.27	153	667191	20.050	ng/ul	100
50) 2,4-Dinitrophenol	14.36	184	80638	15.294	ng/ul	98
52) 4-Nitrophenol	14.46	109	96603	15.814	ng/ul	94
53) Dibenzofuran	14.61	168	915201	19.436	ng/ul	98
54) 2,4-Dinitrotoluene	14.60	165	221749	18.833	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	14.84	232	191127	18.984	ng/ul	97
56) Diethylphthalate	15.05	149	741181	18.180	ng/ul	97
58) Fluorene	15.26	166	746941	19.022	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.26	204	381347	18.906	ng/ul	98
60) 4-Nitroaniline	15.31	138	141509	17.158	ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.37	198	133421	18.035	ng/ul#	86
64) N-Nitrosodiphenylamine	15.49	169	636991	20.604	ng/ul	98
65) 4-Bromophenyl-phenylether	16.16	248	232818	20.290	ng/ul	97
66) Hexachlorobenzene	16.27	284	256447	20.107	ng/ul	97
67) Atrazine	16.45	200	221284	19.297	ng/ul	99
68) Pentachlorophenol	16.62	266	153588	19.356	ng/ul	97
69) Phenanthrene	17.01	178	1140820	19.867	ng/ul	99
71) Anthracene	17.10	178	1181239	20.114	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	12.99	216	329149	23.130	ng/uL	98
73) Pentachlorobenzene	14.53	250	307761	21.145	ng/uL	97
74) Carbazole	17.38	167	1019918	19.710	ng/ul	98
75) Di-n-butylphthalate	17.94	149	1224871	18.730	ng/ul	99
76) Fluoranthene	19.03	202	1326714	19.642	ng/ul	100
79) Pyrene	19.40	202	1365228	19.741	ng/ul	100
80) Butylbenzylphthalate	20.32	149	568818	19.235	ng/ul	96
81) 3,3'-Dichlorobenzidine	21.11	252	451585	19.256	ng/ul	99
82) Benzo(a)anthracene	21.16	228	1397414	19.776	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.10	149	839112	19.163	ng/ul	98
84) Chrysene	21.22	228	1331491	20.148	ng/ul	99
86) Di-n-octyl phthalate	21.97	149	1444423	17.064	ng/ul	100
87) Benzo(b)fluoranthene	22.71	252	1422034	18.929	ng/ul	99
88) Benzo(k)fluoranthene	22.75	252	1426375	19.536	ng/ul	99
90) Benzo(a)pyrene	23.26	252	1408464	19.771	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.51	276	1699275	22.511	ng/ul	99
92) Dibenzo(a,h)anthracene	25.53	278	1436913	22.546	ng/ul	99
93) Benzo(g,h,i)perylene	26.17	276	1441981	23.636	ng/ul	99

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

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