Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110618\
Data File : BM017530.D
Acq On : 06 Nov 2018 15:58
Operator : MJ/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02092

Manual Integrations APPROVED
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11/6/2018 4:37:08 PM

Quant Time: Nov 06 16:33:35 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 06 12:04:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	236726	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	1069225	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	683436	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	1680038	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	2058701	20.00	ng/ul	0.00
86) Perylene-d12	23.43	264	2046690	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.21	96	42667	8.29	ng/uL	0.00
5) Phenol-d5	6.81	99	419524	19.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	265388	21.04	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	344089	20.52	ng/ul	0.00
13) 4-Methylphenol-d8	8.34	113	346266	20.25	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	167369	20.03	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	191719	20.45	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	365088	20.97	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	324193	22.81	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	1213318	20.70	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	1452945	20.42	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	216535	19.78	ng/ul	0.00
58) Fluorene-d10	15.27	176	1045097	20.53	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	231337	19.76	ng/ul	0.00
71) Anthracene-d10	17.12	188	1695331	20.39	ng/ul	0.00
79) Pyrene-d10	19.43	212	1952234	20.47	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.29	264	2245762	20.78	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	44507	8.584	ng/uL	91
4) Benzaldehyde	6.79	77	74847	18.162	ng/ul	97
6) Phenol	6.84	94	420248	19.572	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.07	93	329099	20.232	ng/ul	95
10) 2-Chlorophenol	7.20	128	341006	20.248	ng/ul	96
11) 2-Methylphenol	8.07	108	320943	19.847	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.16	45	489740	22.593	ng/ul	98
14) Acetophenone	8.45	105	537675	20.409	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.43	70	279513	21.600	ng/ul	93
16) 4-Methylphenol	8.40	108	348216	19.994	ng/ul	96
17) Hexachloroethane	8.69	117	140159	21.282	ng/ul	93
20) Nitrobenzene	8.82	77	408535	20.686	ng/ul	97
21) Isophorone	9.35	82	772381	21.544	ng/ul	99
23) 2-Nitrophenol	9.53	139	199931	20.251	ng/ul#	88
24) 2,4-Dimethylphenol	9.59	107	411920	20.986	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.83	93	476639	20.953	ng/ul	99
27) 2,4-Dichlorophenol	10.05	162	342939	20.565	ng/ul	98
28) Naphthalene	10.45	128	1126471	20.139	ng/ul	100
30) 4-Chloroaniline	10.57	127	326502	22.476	ng/ul	99
31) Hexachlorobutadiene	10.73	225	228845	20.748	ng/ul	97
32) Caprolactam	11.35	113	115630m	20.440	ng/ul	
33) 4-Chloro-3-methylphenol	11.70	107	402415	21.944	ng/ul	97
34) 2-Methylnaphthalene	12.07	142	843332	20.518	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.29	142	811655	20.596	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.44	216	452294	19.691	ng/ul	97
38) Hexachlorocyclopentadiene	12.42	237	265881	18.152	ng/ul	98
39) 2,4,6-Trichlorophenol	12.69	196	298814	20.505	ng/ul	96
40) 2,4,5-Trichlorophenol	12.76	196	325217	20.736	ng/ul	96
41) 1,1'-Biphenyl	13.10	154	1110306	19.638	ng/ul	98
42) 2-Chloronaphthalene	13.14	162	873004	19.762	ng/ul	98
43) 2-Nitroaniline	13.36	65	268606	21.567	ng/ul	91
45) Dimethylphthalate	13.74	163	1174416	20.682	ng/ul	99
46) 2,6-Dinitrotoluene	13.86	165	238747	20.949	ng/ul	95
48) Acenaphthylene	13.99	152	1354581	20.282	ng/ul	98
49) 3-Nitroaniline	14.19	138	216771	20.179	ng/ul	97
50) Acenaphthene	14.33	153	963873	20.156	ng/ul	100
51) 2,4-Dinitrophenol	14.40	184	146014	19.284	ng/ul	92
53) 4-Nitrophenol	14.51	109	177822	21.419	ng/ul	96
54) Dibenzofuran	14.67	168	1379324	20.361	ng/ul	99
55) 2,4-Dinitrotoluene	14.66	165	365298	21.486	ng/ul	89
56) 2,3,4,6-Tetrachlorophenol	14.90	232	307969	21.215	ng/ul	98
57) Diethylphthalate	15.11	149	1236758	21.786	ng/ul	99
59) Fluorene	15.33	166	1164589	20.855	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.33	204	601194	21.040	ng/ul	100
61) 4-Nitroaniline	15.36	138	236099	18.330	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.42	198	238436	19.947	ng/ul	95
65) N-Nitrosodiphenylamine	15.55	169	1028590	20.374	ng/ul	98
66) 4-Bromophenyl-phenylether	16.22	248	383437	20.324	ng/ul	96
67) Hexachlorobenzene	16.33	284	430517	20.227	ng/ul	95
68) Atrazine	16.50	200	388128	20.898	ng/ul	99
69) Pentachlorophenol	16.67	266	262452	19.745	ng/ul	98
70) Phenanthrene	17.07	178	1932836	20.035	ng/ul	100
72) Anthracene	17.16	178	1990947	20.319	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.06	216	447221	18.880	ng/uL	98
74) Pentachlorobenzene	14.59	250	465313	19.094	ng/uL	97
75) Carbazole	17.43	167	1748946	20.413	ng/ul	99
76) Di-n-butylphthalate	18.00	149	2273000	22.704	ng/ul	99
77) Fluoranthene	19.09	202	2375732	21.484	ng/ul	99
80) Pyrene	19.46	202	2444493	20.448	ng/ul	99
81) Butylbenzylphthalate	20.37	149	1100239	23.056	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.15	252	849725	21.104	ng/ul	100
83) Benzo(a)anthracene	21.21	228	2567467	20.380	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.15	149	1706940	24.475	ng/ul	98
85) Chrysene	21.26	228	2426371	20.254	ng/ul	100
87) Di-n-octyl phthalate	22.02	149	2895558	27.161	ng/ul	100
88) Benzo(b)fluoranthene	22.76	252	2542588	21.223	ng/ul	99
89) Benzo(k)fluoranthene	22.81	252	2519420	21.529	ng/ul	99
91) Benzo(a)pyrene	23.33	252	2431171	20.772	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.61	276	2663189	18.701	ng/ul	99
93) Dibenzo(a,h)anthracene	25.63	278	2251060	18.930	ng/ul	98
94) Benzo(g,h,i)perylene	26.29	276	2162854	17.878	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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