Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
Data File : BM012850.D
Acq On : 09 Nov 2017 13:23
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02008

Manual Integrations APPROVED
Sohil
11/9/2017 3:49:24 PM

Quant Time: Nov 09 14:19:07 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 09 05:48:58 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	110034	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	460028	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	307120	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	770062m	20.00	ng/ul	0.00
77) Chrysene-d12	21.37	240	888708	20.00	ng/ul	0.00
85) Perylene-d12	23.66	264	792803	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	16664	8.18	ng/uL	0.00
5) Phenol-d5	6.98	99	169416	20.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	90595	20.42	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	138747	20.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	147849	20.92	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	69765	20.53	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	83166	21.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	163448	20.50	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	188516	24.50	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	530161	20.86	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	631681	20.09	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	83023	20.39	ng/ul	0.00
57) Fluorene-d10	15.44	176	440057	20.22	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	80409	15.82	ng/ul	0.00
70) Anthracene-d10	17.29	188	733533	19.72	ng/ul	0.00
78) Pyrene-d10	19.58	212	833720	20.22	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.51	264	737811	19.68	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.32	88	17762	7.769	ng/uL	97
4) Benzaldehyde	6.95	77	105414	24.208	ng/ul	96
6) Phenol	7.01	94	170485	20.285	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.23	93	129077	20.489	ng/ul	98
10) 2-Chlorophenol	7.37	128	141103	20.084	ng/ul	99
11) 2-Methylphenol	8.25	108	131053	20.492	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.33	45	115700	22.229	ng/ul	95
14) Acetophenone	8.62	105	222763	20.949	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.60	70	110437	21.604	ng/ul	98
16) 4-Methylphenol	8.58	108	149513	21.540	ng/ul	98
17) Hexachloroethane	8.87	117	54937	19.426	ng/ul#	70
20) Nitrobenzene	9.00	77	155355	19.419	ng/ul	98
21) Isophorone	9.53	82	311759	21.641	ng/ul	98
23) 2-Nitrophenol	9.71	139	87443	20.882	ng/ul	99
24) 2,4-Dimethylphenol	9.77	107	172403	20.242	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.00	93	185033	20.604	ng/ul	99
27) 2,4-Dichlorophenol	10.25	162	158465	20.394	ng/ul	98
28) Naphthalene	10.64	128	450559	19.590	ng/ul	99
30) 4-Chloroaniline	10.76	127	191245	24.722	ng/ul	99
31) Hexachlorobutadiene	10.92	225	113491	18.571	ng/ul	99
32) Caprolactam	11.55	113	57248	26.197	ng/ul	95
33) 4-Chloro-3-methylphenol	11.89	107	167854	22.216	ng/ul	93
34) 2-Methylnaphthalene	12.26	142	358642	20.404	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.63	216	216445	18.205	ng/ul#	97
37) Hexachlorocyclopentadiene	12.60	237	43971	7.262	ng/ul#	99
38) 2,4,6-Trichlorophenol	12.87	196	147793	19.671	ng/ul	97
39) 2,4,5-Trichlorophenol	12.96	196	154560	19.717	ng/ul	97
40) 1,1'-Biphenyl	13.27	154	486647	19.157	ng/ul	99
41) 2-Chloronaphthalene	13.32	162	384250	19.145	ng/ul	93
42) 2-Nitroaniline	13.53	65	102421	21.598	ng/ul	96
44) Dimethylphthalate	13.90	163	528789	20.967	ng/ul	99
45) 2,6-Dinitrotoluene	14.03	165	111264	22.040	ng/ul	91
47) Acenaphthylene	14.16	152	604029	19.822	ng/ul	99
48) 3-Nitroaniline	14.36	138	103311	24.270	ng/ul	94
49) Acenaphthene	14.50	153	407205	19.618	ng/ul	96
50) 2,4-Dinitrophenol	14.58	184	44374	14.073	ng/ul	92
52) 4-Nitrophenol	14.68	109	65628	18.265	ng/ul	95
53) Dibenzofuran	14.84	168	602219	19.892	ng/ul	92
54) 2,4-Dinitrotoluene	14.82	165	162580	21.899	ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	15.07	232	146522	20.136	ng/ul#	85
56) Diethylphthalate	15.26	149	529671	21.623	ng/ul	97
58) Fluorene	15.49	166	504544	20.062	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.49	204	278043	19.898	ng/ul#	85
60) 4-Nitroaniline	15.52	138	108148	21.826	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.59	198	86643	16.186	ng/ul	95
64) N-Nitrosodiphenylamine	15.70	169	446352	19.198	ng/ul	99
65) 4-Bromophenyl-phenylether	16.37	248	192208m	19.212	ng/ul	
66) Hexachlorobenzene	16.50	284	217893	19.289	ng/ul#	81
67) Atrazine	16.66	200	194605	20.965	ng/ul	96
68) Pentachlorophenol	16.85	266	106055	16.432	ng/ul	97
69) Phenanthrene	17.23	178	823599m	19.567	ng/ul	
71) Anthracene	17.32	178	864995	19.821	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.24	216	217288	17.263	ng/uL	100
73) Pentachlorobenzene	14.76	250	231309	17.958	ng/uL	100
74) Carbazole	17.59	167	740262	20.338	ng/ul	98
75) Di-n-butylphthalate	18.15	149	939099	22.019	ng/ul	99
76) Fluoranthene	19.24	202	1051003	20.779	ng/ul#	94
79) Pyrene	19.61	202	1074818	20.271	ng/ul#	94
80) Butylbenzylphthalate	20.50	149	417733	21.604	ng/ul#	94
81) 3,3'-Dichlorobenzidine	21.29	252	351503	17.882	ng/ul#	99
82) Benzo(a)anthracene	21.36	228	1066133	19.825	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.27	149	601639	21.358	ng/ul#	95
84) Chrysene	21.41	228	951377	19.521	ng/ul	99
86) Di-n-octyl phthalate	22.16	149	970577	23.273	ng/ul#	99
87) Benzo(b)fluoranthene	22.97	252	1000728	20.655	ng/ul#	96
88) Benzo(k)fluoranthene	23.01	252	943421	20.486	ng/ul#	97
90) Benzo(a)pyrene	23.56	252	902955	19.586	ng/ul#	95
91) Indeno(1,2,3-cd)pyrene	25.98	276	964826	17.365	ng/ul#	89
92) Dibenzo(a,h)anthracene	25.99	278	814816	17.324	ng/ul#	94
93) Benzo(g,h,i)perylene	26.70	276	786457	17.178	ng/ul#	91

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

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