Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022416\
Data File : BM004398.D
Acq On : 24 Feb 2016 23:01
Operator : SJ/UM
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02056

Manual Integrations APPROVED
UMANGI
2/25/2016 5:53:42 PM

Quant Time: Feb 25 15:02:59 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM022216.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 25 02:09:59 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	27886	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	135043	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	85811	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	200599	20.00	ng/ul	0.00
78) Chrysene-d12	21.25	240	212300	20.00	ng/ul	0.00
86) Perylene-d12	23.47	264	157647	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	3817	7.21	ng/uL	0.00
5) Phenol-d5	6.81	99	44443	19.01	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	21942	18.45	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	39608	19.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	40006	19.15	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	20292	19.75	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	22879	19.54	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	41762	19.73	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	56808	21.53	ng/ul	0.00
44) Dimethylphthalate-d6	13.70	166	135831	18.46	ng/ul	0.00
47) Acenaphthylene-d8	13.97	160	169757	19.70	ng/ul	0.00
52) 4-Nitrophenol-d4	14.53	143	20610	17.42	ng/ul	0.00
58) Fluorene-d10	15.29	176	120467	19.25	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.43	200	18637	15.12	ng/ul	0.00
71) Anthracene-d10	17.14	188	191617	19.50	ng/ul	0.00
79) Pyrene-d10	19.45	212	217011	21.13	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.33	264	165879	20.05	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.12	88	4253	6.97	ng/uL#	91
4) Benzaldehyde	6.77	77	27918	22.07	ng/ul	91
6) Phenol	6.84	94	47639	19.10	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.05	93	34989	18.96	ng/ul	97
10) 2-Chlorophenol	7.19	128	41033	19.58	ng/ul	96
11) 2-Methylphenol	8.08	108	38916	19.14	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.16	45	33056	18.65	ng/ul	98
14) Acetophenone	8.45	105	63407	19.37	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.43	70	29277	18.61	ng/ul	95
16) 4-Methylphenol	8.41	108	43152	19.35	ng/ul	98
17) Hexachloroethane	8.69	117	15341	19.26	ng/ul	91
20) Nitrobenzene	8.83	77	43071	19.18	ng/ul	93
21) Isophorone	9.35	82	85062	18.28	ng/ul	97
23) 2-Nitrophenol	9.53	139	25766	19.56	ng/ul	93
24) 2,4-Dimethylphenol	9.60	107	49811	18.93	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.83	93	51644	18.41	ng/ul	99
27) 2,4-Dichlorophenol	10.07	162	43689	19.59	ng/ul	99
28) Naphthalene	10.46	128	144946	19.25	ng/ul	100
30) 4-Chloroaniline	10.58	127	59866	21.54	ng/ul	98
31) Hexachlorobutadiene	10.74	225	27456	19.61	ng/ul	98
32) Caprolactam	11.34	113	13889m	17.89	ng/ul	
33) 4-Chloro-3-methylphenol	11.73	107	49853	19.09	ng/ul	98
34) 2-Methylnaphthalene	12.08	142	108312	19.22	ng/ul	100

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35) 1-Methylnaphthalene	12.30	142	103433	19.30	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.46	216	56579	19.83	ng/ul	98
38) Hexachlorocyclopentadiene	12.43	237	9232	8.68	ng/ul	97
39) 2,4,6-Trichlorophenol	12.72	196	35559	19.17	ng/ul	99
40) 2,4,5-Trichlorophenol	12.79	196	39559	19.65	ng/ul	100
41) 1,1'-Biphenyl	13.11	154	141589	19.20	ng/ul	98
42) 2-Chloronaphthalene	13.15	162	110567	19.71	ng/ul	98
43) 2-Nitroaniline	13.37	65	27150	19.19	ng/ul	90
45) Dimethylphthalate	13.75	163	140423	18.30	ng/ul	100
46) 2,6-Dinitrotoluene	13.87	165	30135	19.58	ng/ul	95
48) Acenaphthylene	14.00	152	184915	19.73	ng/ul	100
49) 3-Nitroaniline	14.21	138	31308	20.50	ng/ul	97
50) Acenaphthene	14.35	153	123125	19.23	ng/ul	98
51) 2,4-Dinitrophenol	14.44	184	8220	11.77	ng/ul	90
53) 4-Nitrophenol	14.55	109	14920	16.87	ng/ul	92
54) Dibenzofuran	14.69	168	173972	19.46	ng/ul	97
55) 2,4-Dinitrotoluene	14.67	165	44648	19.42	ng/ul	96
56) 2,3,4,6-Tetrachlorophenol	14.93	232	31662	18.99	ng/ul	95
57) Diethylphthalate	15.12	149	144931	18.25	ng/ul	99
59) Fluorene	15.34	166	143792	19.41	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.33	204	69914	19.23	ng/ul	94
61) 4-Nitroaniline	15.38	138	33631	20.43	ng/ul	90
64) 4,6-Dinitro-2-methylphenol	15.45	198	20120	15.15	ng/ul	97
65) N-Nitrosodiphenylamine	15.55	169	123734	19.28	ng/ul	100
66) 4-Bromophenyl-phenylether	16.23	248	42924	19.64	ng/ul	95
67) Hexachlorobenzene	16.35	284	47853	19.70	ng/ul	96
68) Atrazine	16.51	200	45935	19.30	ng/ul	98
69) Pentachlorophenol	16.71	266	17523m	18.28	ng/ul	
70) Phenanthrene	17.08	178	234623	19.48	ng/ul	99
72) Anthracene	17.17	178	240316	19.63	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.07	216	53253	19.92	ng/uL	100
74) Pentachlorobenzene	14.61	250	54026	19.67	ng/uL	98
75) Carbazole	17.45	167	212543	19.92	ng/ul	99
76) Di-n-butylphthalate	18.01	149	266302	17.98	ng/ul	99
77) Fluoranthene	19.11	202	279649	20.49	ng/ul	100
80) Pyrene	19.48	202	292058	21.05	ng/ul	99
81) Butylbenzylphthalate	20.38	149	127715	20.92	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.17	252	94147	22.01	ng/ul	99
83) Benzo(a)anthracene	21.24	228	269900	19.76	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.16	149	188510	20.89	ng/ul	98
85) Chrysene	21.29	228	254369	19.36	ng/ul	99
87) Di-n-octyl phthalate	22.03	149	327300	25.23	ng/ul	97
88) Benzo(b)fluoranthene	22.81	252	224533	21.08	ng/ul	99
89) Benzo(k)fluoranthene	22.85	252	204640	20.39	ng/ul	99
91) Benzo(a)pyrene	23.38	252	196143	19.82	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.71	276	188614	20.37	ng/ul	98
93) Dibenzo(a,h)anthracene	25.72	278	158991	20.81	ng/ul	100
94) Benzo(g,h,i)perylene	26.40	276	159730	20.98	ng/ul	99

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

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