Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032916\
Data File : BM004840.D
Acq On : 30 Mar 2016 03:38
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 30 04:30:31 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 30 03:41:15 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD02049

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	58870	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	277346	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.46	164	175280	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.21	188	418112	20.00	ng/ul	0.00
78) Chrysene-d12	21.39	240	463347	20.00	ng/ul	0.00
86) Perylene-d12	23.69	264	396029	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.32	96	12386	7.26	ng/uL	0.00
5) Phenol-d5	6.99	99	105281	21.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	57662	21.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	83840	21.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	88082	22.59	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	41759	21.65	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	47516	22.81	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	90024	22.03	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	121539	24.85	ng/ul	0.00
44) Dimethylphthalate-d6	13.87	166	281151	20.52	ng/ul	0.00
47) Acenaphthylene-d8	14.16	160	344999	20.54	ng/ul	0.00
52) 4-Nitrophenol-d4	14.66	143	55273	20.87	ng/ul	0.00
58) Fluorene-d10	15.46	176	249151	20.86	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.57	200	49114	22.35	ng/ul	0.00
71) Anthracene-d10	17.31	188	395093	20.52	ng/ul	0.00
79) Pyrene-d10	19.60	212	452963	21.42	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.54	264	369891	20.91	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	14768	7.42	ng/uL	92
4) Benzaldehyde	6.97	77	60449	22.54	ng/ul	99
6) Phenol	7.02	94	110473	21.70	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.25	93	83366	21.05	ng/ul	95
10) 2-Chlorophenol	7.39	128	86871	21.13	ng/ul	95
11) 2-Methylphenol	8.27	108	86729	22.17	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.36	45	102876	21.71	ng/ul	93
14) Acetophenone	8.65	105	135990	22.36	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.63	70	68472	22.15	ng/ul	94
16) 4-Methylphenol	8.59	108	96707	22.45	ng/ul	99
17) Hexachloroethane	8.90	117	32492	19.90	ng/ul	98
20) Nitrobenzene	9.03	77	99479	20.90	ng/ul	97
21) Isophorone	9.55	82	197021	21.61	ng/ul	98
23) 2-Nitrophenol	9.73	139	51322	22.24	ng/ul	96
24) 2,4-Dimethylphenol	9.79	107	107121	21.19	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.03	93	120038	20.40	ng/ul	99
27) 2,4-Dichlorophenol	10.27	162	91563	21.75	ng/ul	99
28) Naphthalene	10.67	128	291907	20.19	ng/ul	100
30) 4-Chloroaniline	10.78	127	126173	24.55	ng/ul	98
31) Hexachlorobutadiene	10.95	225	54305	21.62	ng/ul	98
32) Caprolactam	11.54	113	32446m	23.01	ng/ul	
33) 4-Chloro-3-methylphenol	11.90	107	105788	22.21	ng/ul	100
34) 2-Methylnaphthalene	12.28	142	219983	21.36	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.50	142	211010	21.32	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.65	216	112787	20.14	ng/ul	99
38) Hexachlorocyclopentadiene	12.63	237	32546	10.73	ng/ul	97
39) 2,4,6-Trichlorophenol	12.89	196	77763	21.03	ng/ul	100
40) 2,4,5-Trichlorophenol	12.96	196	84891	21.28	ng/ul	100
41) 1,1'-Biphenyl	13.29	154	291889	19.94	ng/ul	98
42) 2-Chloronaphthalene	13.34	162	221902	20.16	ng/ul	97
43) 2-Nitroaniline	13.55	65	66119	22.31	ng/ul	93
45) Dimethylphthalate	13.92	163	283784	20.40	ng/ul	99
46) 2,6-Dinitrotoluene	14.04	165	58387	23.58	ng/ul	95
48) Acenaphthylene	14.19	152	366952	20.33	ng/ul	100
49) 3-Nitroaniline	14.37	138	65114	24.34	ng/ul	97
50) Acenaphthene	14.53	153	243540	20.04	ng/ul	100
51) 2,4-Dinitrophenol	14.57	184	33349	23.66	ng/ul	94
53) 4-Nitrophenol	14.68	109	46024	21.43	ng/ul	95
54) Dibenzofuran	14.86	168	352893	20.40	ng/ul	94
55) 2,4-Dinitrotoluene	14.83	165	88052	23.58	ng/ul	96
56) 2,3,4,6-Tetrachlorophenol	15.09	232	75929	21.60	ng/ul	94
57) Diethylphthalate	15.29	149	295609	20.86	ng/ul	100
59) Fluorene	15.52	166	283317	20.51	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.50	204	138025	20.95	ng/ul	94
61) 4-Nitroaniline	15.53	138	67487	23.45	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.59	198	53081	22.24	ng/ul	97
65) N-Nitrosodiphenylamine	15.72	169	252543	19.95	ng/ul	99
66) 4-Bromophenyl-phenylether	16.40	248	86811	20.62	ng/ul	94
67) Hexachlorobenzene	16.52	284	99695	21.09	ng/ul	93
68) Atrazine	16.67	200	96629	21.59	ng/ul	97
69) Pentachlorophenol	16.86	266	64460	21.03	ng/ul	98
70) Phenanthrene	17.25	178	476915	19.96	ng/ul	99
72) Anthracene	17.34	178	483690	20.10	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.26	216	111617	19.40	ng/uL	99
74) Pentachlorobenzene	14.78	250	112338	20.23	ng/uL	99
75) Carbazole	17.62	167	448305	20.84	ng/ul	99
76) Di-n-butylphthalate	18.17	149	543913	17.84	ng/ul	99
77) Fluoranthene	19.27	202	576106	21.84	ng/ul	99
80) Pyrene	19.63	202	591423	21.06	ng/ul	99
81) Butylbenzylphthalate	20.53	149	265608	23.65	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.31	252	193362	27.02	ng/ul	100
83) Benzo(a)anthracene	21.37	228	563509	20.84	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.30	149	378530	23.71	ng/ul	99
85) Chrysene	21.43	228	534210	20.68	ng/ul	100
87) Di-n-octyl phthalate	22.19	149	673728	28.46	ng/ul	97
88) Benzo(b)fluoranthene	22.99	252	502798	21.29	ng/ul	99
89) Benzo(k)fluoranthene	23.04	252	496258	22.10	ng/ul	99
91) Benzo(a)pyrene	23.59	252	463166	20.46	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	26.01	276	454077	17.85	ng/ul	97
93) Dibenzo(a,h)anthracene	26.02	278	384482	18.26	ng/ul	98
94) Benzo(g,h,i)perylene	26.72	276	377581	17.52	ng/ul	98

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

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