Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022416\
Data File : BM004389.D
Acq On : 24 Feb 2016 17:31
Operator : SJ/UM
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02055

Manual Integrations APPROVED
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Quant Time: Feb 25 15:21:01 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	30713	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	148640	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	92380	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	215862	20.00	ng/ul	0.00
78) Chrysene-d12	21.26	240	231881	20.00	ng/ul	0.00
86) Perylene-d12	23.48	264	172578	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	4623	7.93	ng/uL	0.00
5) Phenol-d5	6.81	99	49401	19.18	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	25355	19.36	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	43112	19.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	44096	19.16	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	22108	19.55	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	24843	19.27	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	45268	19.43	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	61667	21.23	ng/ul	0.00
44) Dimethylphthalate-d6	13.70	166	150135	18.95	ng/ul	0.00
47) Acenaphthylene-d8	13.97	160	185139	19.96	ng/ul	0.00
52) 4-Nitrophenol-d4	14.53	143	22140	17.39	ng/ul	0.00
58) Fluorene-d10	15.29	176	131709	19.55	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.43	200	23281	17.56	ng/ul	0.00
71) Anthracene-d10	17.14	188	206104	19.49	ng/ul	0.00
79) Pyrene-d10	19.45	212	229706	20.48	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.34	264	183446	20.26	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.12	88	4882	7.27	ng/uL#	92
4) Benzaldehyde	6.77	77	31051	22.29	ng/ul	97
6) Phenol	6.84	94	52116	18.98	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.05	93	39438	19.40	ng/ul	97
10) 2-Chlorophenol	7.19	128	45298	19.62	ng/ul	97
11) 2-Methylphenol	8.08	108	42648	19.04	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.16	45	36941	18.93	ng/ul	96
14) Acetophenone	8.45	105	70937	19.67	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.43	70	32893	18.98	ng/ul	96
16) 4-Methylphenol	8.41	108	47571	19.37	ng/ul	99
17) Hexachloroethane	8.69	117	16990	19.37	ng/ul	94
20) Nitrobenzene	8.82	77	47817	19.35	ng/ul	97
21) Isophorone	9.35	82	94585	18.46	ng/ul	97
23) 2-Nitrophenol	9.53	139	27625	19.05	ng/ul	95
24) 2,4-Dimethylphenol	9.60	107	55142	19.04	ng/ul	100
25) Bis(2-Chloroethoxy)methane	9.83	93	57983	18.78	ng/ul	99
27) 2,4-Dichlorophenol	10.07	162	47420	19.31	ng/ul	100
28) Naphthalene	10.46	128	159845	19.28	ng/ul	100
30) 4-Chloroaniline	10.58	127	65982	21.57	ng/ul	99
31) Hexachlorobutadiene	10.74	225	30052	19.50	ng/ul	100
32) Caprolactam	11.34	113	15158m	17.73	ng/ul	
33) 4-Chloro-3-methylphenol	11.73	107	54685	19.03	ng/ul	99
34) 2-Methylnaphthalene	12.08	142	118868	19.17	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.30	142	113514	19.25	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.46	216	61255	19.94	ng/ul	98
38) Hexachlorocyclopentadiene	12.43	237	15183	13.26	ng/ul	99
39) 2,4,6-Trichlorophenol	12.72	196	37845	18.95	ng/ul	98
40) 2,4,5-Trichlorophenol	12.79	196	42355m	19.54	ng/ul	
41) 1,1'-Biphenyl	13.11	154	156641	19.73	ng/ul	98
42) 2-Chloronaphthalene	13.15	162	120597	19.96	ng/ul	99
43) 2-Nitroaniline	13.37	65	29425	19.32	ng/ul	91
45) Dimethylphthalate	13.74	163	157726	19.09	ng/ul	99
46) 2,6-Dinitrotoluene	13.87	165	33231	20.05	ng/ul	96
48) Acenaphthylene	14.00	152	200537	19.87	ng/ul	100
49) 3-Nitroaniline	14.21	138	34188	20.80	ng/ul	96
50) Acenaphthene	14.35	153	135059	19.60	ng/ul	98
51) 2,4-Dinitrophenol	14.43	184	11052	14.70	ng/ul	98
53) 4-Nitrophenol	14.54	109	16107	16.92	ng/ul	89
54) Dibenzofuran	14.69	168	189005	19.64	ng/ul	96
55) 2,4-Dinitrotoluene	14.67	165	48593	19.63	ng/ul	95
56) 2,3,4,6-Tetrachlorophenol	14.93	232	34328	19.13	ng/ul	95
57) Diethylphthalate	15.12	149	162826	19.05	ng/ul	100
59) Fluorene	15.34	166	155365	19.48	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.33	204	76617	19.58	ng/ul	94
61) 4-Nitroaniline	15.38	138	34363	19.39	ng/ul	89
64) 4,6-Dinitro-2-methylphenol	15.44	198	25609	17.93	ng/ul	93
65) N-Nitrosodiphenylamine	15.55	169	135191	19.58	ng/ul	98
66) 4-Bromophenyl-phenylether	16.23	248	46381	19.73	ng/ul	94
67) Hexachlorobenzene	16.35	284	51173	19.58	ng/ul	95
68) Atrazine	16.51	200	49606	19.37	ng/ul	98
69) Pentachlorophenol	16.70	266	17701m	17.16	ng/ul	
70) Phenanthrene	17.08	178	255061	19.68	ng/ul	99
72) Anthracene	17.17	178	258522	19.63	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.07	216	58051	20.18	ng/uL	98
74) Pentachlorobenzene	14.61	250	58547	19.81	ng/uL	99
75) Carbazole	17.45	167	227627	19.83	ng/ul	99
76) Di-n-butylphthalate	18.01	149	285722	17.93	ng/ul	99
77) Fluoranthene	19.11	202	295112	20.09	ng/ul	100
80) Pyrene	19.48	202	311716	20.57	ng/ul	98
81) Butylbenzylphthalate	20.38	149	132522	19.87	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.17	252	97037	20.77	ng/ul	98
83) Benzo(a)anthracene	21.24	228	293246	19.66	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.16	149	196330	19.92	ng/ul	98
85) Chrysene	21.29	228	274811	19.15	ng/ul	99
87) Di-n-octyl phthalate	22.03	149	339818	23.93	ng/ul#	97
88) Benzo(b)fluoranthene	22.81	252	244475	20.96	ng/ul	99
89) Benzo(k)fluoranthene	22.86	252	233123	21.21	ng/ul	100
91) Benzo(a)pyrene	23.38	252	216530	19.98	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.71	276	194349	19.18	ng/ul	99
93) Dibenzo(a,h)anthracene	25.72	278	162177	19.39	ng/ul	98
94) Benzo(g,h,i)perylene	26.40	276	162059	19.44	ng/ul	99

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

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