Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM121516\
Data File : BM008334.D
Acq On : 15 Dec 2016 09:37
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 15 15:14:47 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 14 02:14:07 2016
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : SSTD02053

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	130704	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	545957	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.31	164	378601	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	725930	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	761249	20.00	ng/ul	0.00
85) Perylene-d12	23.49	264	720571	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	22865	8.23	ng/uL	0.00
5) Phenol-d5	6.86	99	213017	21.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.01	67	128118	21.97	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.20	132	168038	22.24	ng/ul	-0.01
13) 4-Methylphenol-d8	8.38	113	173201	22.16	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	84378	21.39	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	92811	20.99	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	174409	21.51	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	209117	22.79	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	542588	21.81	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	649174	21.81	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	57019	15.24	ng/ul	0.00
57) Fluorene-d10	15.30	176	466860	21.55	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	78864	18.60	ng/ul	0.00
70) Anthracene-d10	17.16	188	688037	21.68	ng/ul	0.00
78) Pyrene-d10	19.46	212	715205	24.14	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.35	264	665322	21.97	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	27821	8.24	ng/uL	94
4) Benzaldehyde	6.83	77	161003	24.01	ng/ul	92
6) Phenol	6.88	94	220975	21.24	ng/ul	92
8) Bis(2-Chloroethyl)ether	7.10	93	171061	21.65	ng/ul	92
10) 2-Chlorophenol	7.24	128	171428	22.31	ng/ul#	90
11) 2-Methylphenol	8.12	108	168203	22.03	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.20	45	205083	23.00	ng/ul	96
14) Acetophenone	8.49	105	284529	22.44	ng/ul#	89
15) N-Nitroso-di-n-propylamine	8.47	70	153134	23.55	ng/ul	95
16) 4-Methylphenol	8.45	108	180235	21.83	ng/ul	97
17) Hexachloroethane	8.72	117	76236	21.72	ng/ul	87
20) Nitrobenzene	8.87	77	222217	21.57	ng/ul	91
21) Isophorone	9.39	82	409622	22.41	ng/ul	97
23) 2-Nitrophenol	9.57	139	99963	22.04	ng/ul#	84
24) 2,4-Dimethylphenol	9.63	107	219876	21.84	ng/ul	91
25) Bis(2-Chloroethoxy)methane	9.87	93	231613	21.83	ng/ul	96
27) 2,4-Dichlorophenol	10.11	162	176594	21.82	ng/ul	99
28) Naphthalene	10.49	128	556673	21.46	ng/ul	99
30) 4-Chloroaniline	10.62	127	213557	23.05	ng/ul	97
31) Hexachlorobutadiene	10.76	225	140802	21.44	ng/ul	98
32) Caprolactam	11.42	113	49934m	20.07	ng/ul	
33) 4-Chloro-3-methylphenol	11.76	107	195430	22.40	ng/ul	93
34) 2-Methylnaphthalene	12.11	142	413535	22.19	ng/ul	100

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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.49	216	256678	21.64 ng/ul	98
37) Hexachlorocyclopentadiene	12.45	237	83996	18.40 ng/ul	99
38) 2,4,6-Trichlorophenol	12.74	196	147019	21.43 ng/ul	99
39) 2,4,5-Trichlorophenol	12.82	196	155184	21.29 ng/ul	99
40) 1,1'-Biphenyl	13.13	154	553983	22.08 ng/ul	99
41) 2-Chloronaphthalene	13.17	162	418113	21.59 ng/ul	98
42) 2-Nitroaniline	13.41	65	124854	21.53 ng/ul#	82
44) Dimethylphthalate	13.77	163	533337	21.90 ng/ul	99
45) 2,6-Dinitrotoluene	13.91	165	105385	22.05 ng/ul	91
47) Acenaphthylene	14.03	152	657170	21.77 ng/ul	100
48) 3-Nitroaniline	14.24	138	94739	20.21 ng/ul	86
49) Acenaphthene	14.37	153	454932	21.91 ng/ul	96
50) 2,4-Dinitrophenol	14.48	184	38858	14.27 ng/ul	89
52) 4-Nitrophenol	14.57	109	53858	14.43 ng/ul#	86
53) Dibenzofuran	14.71	168	653988	21.79 ng/ul	98
54) 2,4-Dinitrotoluene	14.71	165	149132	21.09 ng/ul#	47
55) 2,3,4,6-Tetrachlorophenol	14.95	232	142886	20.94 ng/ul#	87
56) Diethylphthalate	15.14	149	518631	21.25 ng/ul	99
58) Fluorene	15.36	166	530518	21.61 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.36	204	290261	22.07 ng/ul	90
60) 4-Nitroaniline	15.42	138	84024	19.65 ng/ul#	78
63) 4,6-Dinitro-2-methylphenol	15.48	198	84408	19.31 ng/ul	95
64) N-Nitrosodiphenylamine	15.57	169	447068	22.42 ng/ul	100
65) 4-Bromophenyl-phenylether	16.25	248	181849	22.46 ng/ul	91
66) Hexachlorobenzene	16.37	284	202619	22.42 ng/ul#	89
67) Atrazine	16.53	200	166174	20.52 ng/ul	96
68) Pentachlorophenol	16.73	266	88814	17.95 ng/ul	98
69) Phenanthrene	17.10	178	804426	21.49 ng/ul	99
71) Anthracene	17.20	178	824805	21.81 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.10	216	243074	22.37 ng/uL	98
73) Pentachlorobenzene	14.63	250	250104	22.78 ng/uL	98
74) Carbazole	17.48	167	652849	19.72 ng/ul	99
75) Di-n-butylphthalate	18.03	149	784601	20.65 ng/ul#	99
76) Fluoranthene	19.13	202	882683	19.45 ng/ul#	94
79) Pyrene	19.50	202	907226	23.95 ng/ul#	94
80) Butylbenzylphthalate	20.39	149	307134	21.95 ng/ul	89
81) 3,3'-Dichlorobenzidine	21.19	252	274698	21.12 ng/ul#	98
82) Benzo(a)anthracene	21.24	228	847453	21.43 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.17	149	439499	21.42 ng/ul#	97
84) Chrysene	21.30	228	827763	21.78 ng/ul	99
86) Di-n-octyl phthalate	22.04	149	751322	21.35 ng/ul#	97
87) Benzo(b)fluoranthene	22.82	252	840043	21.82 ng/ul#	96
88) Benzo(k)fluoranthene	22.87	252	828478	22.18 ng/ul#	97
90) Benzo(a)pyrene	23.40	252	826966	22.18 ng/ul#	96
91) Indeno(1,2,3-cd)pyrene	25.73	276	1014191	22.18 ng/ul#	87
92) Dibenzo(a,h)anthracene	25.73	278	851667	22.14 ng/ul#	91
93) Benzo(g,h,i)perylene	26.41	276	831236	21.83 ng/ul#	90

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

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