Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121816\
Data File : BM008403.D
Acq On : 17 Dec 2016 09:51
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02062

Manual Integrations APPROVED
umangi
12/20/2016 10:49:59 AM

Quant Time: Dec 18 02:32:29 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121
Quant Title : SVOA CALIBRATION
QLast Update : Sun Dec 18 00:00:12 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	119246	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	471320	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.30	164	315640	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	637568	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	828047	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	832177	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	22237	8.77	ng/uL	0.00
5) Phenol-d5	6.85	99	192465	20.81	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.01	67	113737	21.39	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	151157	21.72	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	147396	20.57	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	72744	21.36	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	78806	20.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	149356	21.59	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	172494	21.75	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	442937	21.11	ng/ul	0.00
46) Acenaphthylene-d8	13.99	160	535906	21.61	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	49504	16.01	ng/ul	0.00
57) Fluorene-d10	15.30	176	390833	21.43	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	67121	17.69	ng/ul	0.00
70) Anthracene-d10	17.16	188	607813	21.88	ng/ul	0.00
76) Pyrene-d10	19.46	212	706838	22.10	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	765471	21.90	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	23860	8.05	ng/uL#	92
4) Benzaldehyde	6.83	77	143560	23.45	ng/ul	96
6) Phenol	6.87	94	201563	20.98	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.10	93	149475	20.85	ng/ul	97
10) 2-Chlorophenol	7.23	128	154529	21.98	ng/ul	98
11) 2-Methylphenol	8.11	108	145892	20.75	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.19	45	176912	21.70	ng/ul	99
14) Acetophenone	8.49	105	243439	20.78	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.47	70	128918	21.41	ng/ul	96
16) 4-Methylphenol	8.44	108	157364	20.64	ng/ul	100
17) Hexachloroethane	8.72	117	69903	21.81	ng/ul	94
20) Nitrobenzene	8.86	77	191380	21.80	ng/ul	98
21) Isophorone	9.38	82	339885	21.53	ng/ul	98
23) 2-Nitrophenol	9.57	139	82331	21.33	ng/ul	97
24) 2,4-Dimethylphenol	9.63	107	184412	21.39	ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.86	93	195002	21.75	ng/ul	97
27) 2,4-Dichlorophenol	10.10	162	148391	21.29	ng/ul	95
28) Naphthalene	10.48	128	479235	21.48	ng/ul	99
30) 4-Chloroaniline	10.62	127	180875	22.64	ng/ul	96
31) Hexachlorobutadiene	10.75	225	123137	21.74	ng/ul	97
32) Caprolactam	11.42	113	41983m	19.20	ng/ul	
33) 4-Chloro-3-methylphenol	11.75	107	160620	21.29	ng/ul	99
34) 2-Methylnaphthalene	12.10	142	344417	21.36	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.48	216	212466	21.50	ng/ul	99
37) Hexachlorocyclopentadiene	12.44	237	110303	27.63	ng/ul	99
38) 2,4,6-Trichlorophenol	12.73	196	120953	21.56	ng/ul	98
39) 2,4,5-Trichlorophenol	12.82	196	127708	20.87	ng/ul	99
40) 1,1'-Biphenyl	13.13	154	453681	21.55	ng/ul	98
41) 2-Chloronaphthalene	13.17	162	345671	21.41	ng/ul	98
42) 2-Nitroaniline	13.40	65	103779	21.73	ng/ul	96
44) Dimethylphthalate	13.77	163	435161	21.16	ng/ul	99
45) 2,6-Dinitrotoluene	13.90	165	86680	21.64	ng/ul	97
47) Acenaphthylene	14.02	152	542654	21.51	ng/ul	99
48) 3-Nitroaniline	14.25	138	84967	21.29	ng/ul	99
49) Acenaphthene	14.36	153	372755	21.49	ng/ul	100
50) 2,4-Dinitrophenol	14.48	184	41845	18.01	ng/ul	95
52) 4-Nitrophenol	14.57	109	66916m	22.57	ng/ul	
53) Dibenzofuran	14.70	168	535226	21.17	ng/ul	97
54) 2,4-Dinitrotoluene	14.71	165	129926	21.66	ng/ul	91
55) 2,3,4,6-Tetrachlorophenol	14.95	232	119519	21.15	ng/ul	96
56) Diethylphthalate	15.13	149	432265	21.13	ng/ul	99
58) Fluorene	15.36	166	444696	21.42	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.35	204	237319	21.50	ng/ul	99
60) 4-Nitroaniline	15.42	138	79995	20.82	ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.47	198	70059	18.01	ng/ul	99
64) N-Nitrosodiphenylamine	15.57	169	376900	21.72	ng/ul	98
65) 4-Bromophenyl-phenylether	16.24	248	152801	21.83	ng/ul	97
66) Hexachlorobenzene	16.36	284	167482	21.11	ng/ul	98
67) Atrazine	16.53	200	144624	20.33	ng/ul	98
68) Pentachlorophenol	16.72	266	80568	18.78	ng/ul	97
69) Phenanthrene	17.10	178	704894	21.57	ng/ul	99
71) Anthracene	17.19	178	725797	21.88	ng/ul	99
72) Carbazole	17.47	167	620500	21.25	ng/ul	99
73) Di-n-butylphthalate	18.02	149	703792	21.55	ng/ul	100
74) Fluoranthene	19.12	202	846844	21.10	ng/ul	98
77) Pyrene	19.49	202	887498	21.83	ng/ul	100
78) Butylbenzylphthalate	20.39	149	325389	22.32	ng/ul	98
79) 3,3'-Dichlorobenzidine	21.18	252	313531	21.60	ng/ul	99
80) Benzo(a)anthracene	21.24	228	937102	21.90	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.16	149	472632	22.13	ng/ul	98
82) Chrysene	21.29	228	896743	21.79	ng/ul	100
84) Di-n-octyl phthalate	22.03	149	833052	20.86	ng/ul	99
85) Benzo(b)fluoranthene	22.82	252	984619	21.92	ng/ul	99
86) Benzo(k)fluoranthene	22.86	252	923106	21.48	ng/ul	99
88) Benzo(a)pyrene	23.39	252	944453	21.82	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.72	276	1136802	21.63	ng/ul	99
90) Dibenzo(a,h)anthracene	25.72	278	953862	21.62	ng/ul	99
91) Benzo(g,h,i)perylene	26.41	276	954396	21.71	ng/ul	98

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

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